Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062172.D
Acq On : 22 Jul 2024 22:20
Operator : MA/JU
Sample : P3201-25MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 23:53:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MS

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	36860	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136	153008	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	130130	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	353895	20.000	ng/ul	0.00
79) Chrysene-d12	21.705	240	337530	20.000	ng/ul	0.00
88) Perylene-d12	24.936	264	347186	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	3735	4.731	ng/uL	0.00
4) Pyridine-d5	3.876	84	32316	11.266	ng/ul	0.00
7) Phenol-d5	7.236	99	88963	24.516	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	49351	23.670	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	56182	24.567	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	60588	21.923	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	29839	24.477	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	38774	26.426	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	81744	26.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.019	131	76849	20.799	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	284706	25.812	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	307070	27.456	ng/ul	0.00
54) 4-Nitrophenol-d4	14.926	143	36773	27.666	ng/ul	0.00
60) Fluorene-d10	15.683	176	257771	27.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.813	200	61352	27.280	ng/ul	0.00
73) Anthracene-d10	17.540	188	430413	26.036	ng/ul	0.00
81) Pyrene-d10	19.819	212	473858	24.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	336594	19.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.494	88	11635	11.242	ng/uL#	79
5) Pyridine	3.899	79	43588	14.850	ng/ul	90
6) Benzaldehyde	7.207	77	58222	30.560	ng/ul	99
8) Phenol	7.265	94	108706	30.363	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.483	93	70512	28.593	ng/ul#	92
12) 2-Chlorophenol	7.630	128	69131	29.775	ng/ul	95
13) 2-Methylphenol	8.517	108	71469	26.641	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.581	45	128018	29.334	ng/ul	99
16) Acetophenone	8.893	105	143557	29.753	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.869	70	80554	29.178	ng/ul	92
18) 4-Methylphenol	8.851	108	80528	27.223	ng/ul	94
19) Hexachloroethane	9.151	117	22832	21.966	ng/ul	94
22) Nitrobenzene	9.280	77	113929	28.900	ng/ul#	95
23) Isophorone	9.797	82	231535	28.953	ng/ul	98
25) 2-Nitrophenol	9.991	139	50253	32.386	ng/ul#	85
26) 2,4-Dimethylphenol	10.056	107	27029	7.259	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.273	93	107389	28.857	ng/ul	96
29) 2,4-Dichlorophenol	10.531	162	94214	32.288	ng/ul#	88
30) Naphthalene	10.931	128	262898	31.851	ng/ul	99
32) 4-Chloroaniline	11.043	127	73665	21.210	ng/ul#	86
33) Hexachlorobutadiene	11.195	225	85023	30.665	ng/ul	98
34) Caprolactam	11.806	113	33088m	33.209	ng/ul	
35) 4-Chloro-3-methylphenol	12.170	107	110672	31.630	ng/ul#	95
36) 2-Methylnaphthalene	12.529	142	195947	31.446	ng/ul	90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062172.D
Acq On : 22 Jul 2024 22:20
Operator : MA/JU
Sample : P3201-25MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 23:53:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

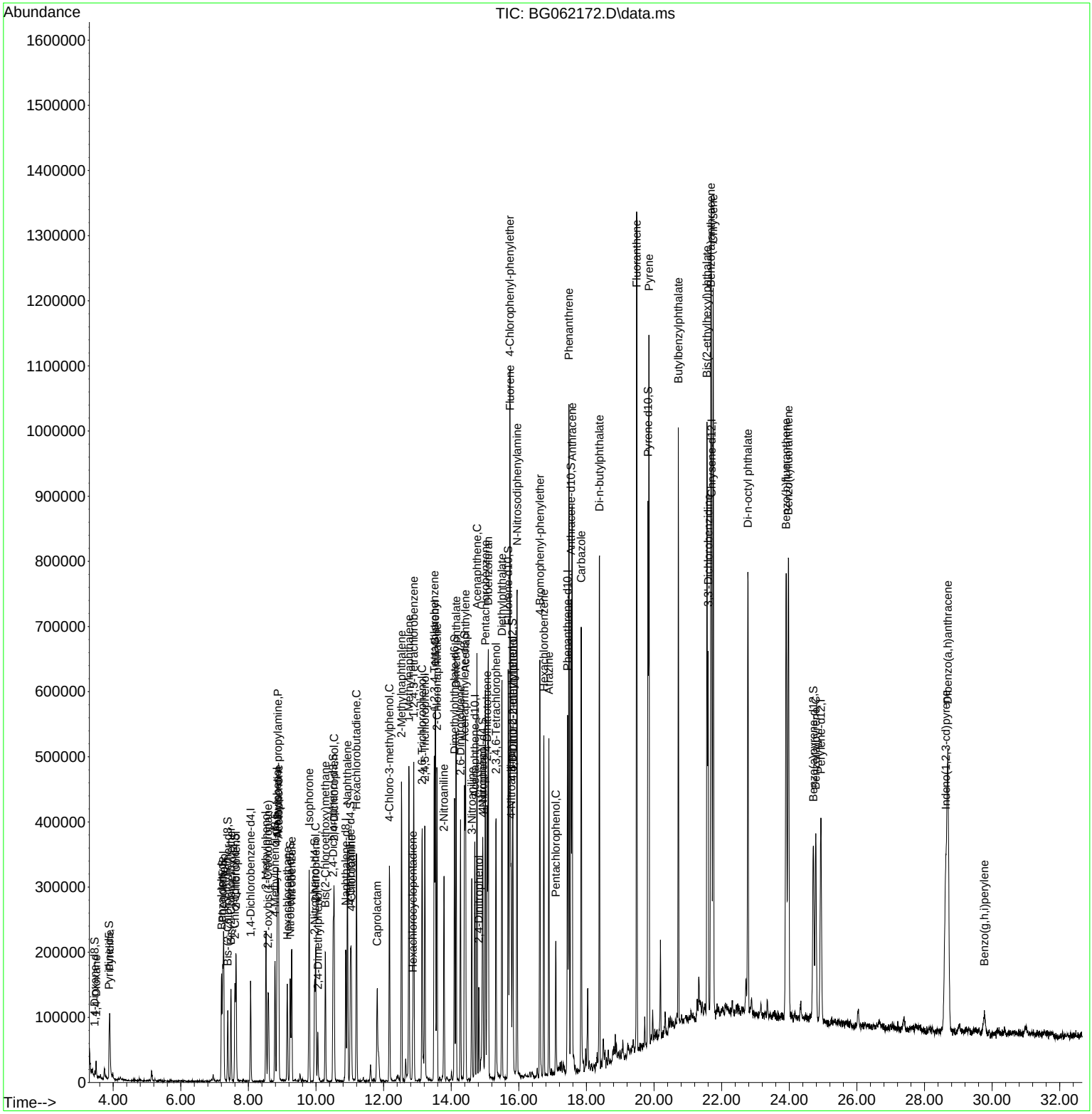
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	199149	30.996 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	169560	32.313 ng/ul#	96
40) Hexachlorocyclopentadiene	12.864	237	27129	10.541 ng/ul	91
41) 2,4,6-Trichlorophenol	13.140	196	100128	34.017 ng/ul	89
42) 2,4,5-Trichlorophenol	13.222	196	109116	34.056 ng/ul	94
43) 1,1'-Biphenyl	13.527	154	292002	31.701 ng/ul	98
44) 2-Chloronaphthalene	13.580	162	236456	31.221 ng/ul	98
45) 2-Nitroaniline	13.786	65	93734	33.585 ng/ul	97
47) Dimethylphthalate	14.144	163	323910	30.841 ng/ul	97
48) 2,6-Dinitrotoluene	14.273	165	68588	31.890 ng/ul	99
50) Acenaphthylene	14.420	152	385032	31.579 ng/ul	97
51) 3-Nitroaniline	14.608	138	59175	34.058 ng/ul#	79
52) Acenaphthene	14.761	153	264117	32.634 ng/ul	99
53) 2,4-Dinitrophenol	14.814	184	32858	28.537 ng/ul#	86
55) 4-Nitrophenol	14.937	109	67816	33.334 ng/ul	92
56) Dibenzofuran	15.096	168	409535	33.604 ng/ul	98
57) 2,4-Dinitrotoluene	15.061	165	109055	33.044 ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.325	232	95928	34.029 ng/ul#	96
59) Diethylphthalate	15.501	149	322376	31.045 ng/ul	98
61) Fluorene	15.742	166	344111	32.928 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.730	204	203660	31.470 ng/ul	98
63) 4-Nitroaniline	15.771	138	63768m	34.298 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.824	198	68149	32.275 ng/ul	96
67) N-Nitrosodiphenylamine	15.948	169	287822	33.248 ng/ul	98
68) 4-Bromophenyl-phenylether	16.623	248	135054	32.772 ng/ul	99
69) Hexachlorobenzene	16.741	284	110986	25.379 ng/ul	97
70) Atrazine	16.888	200	108094	24.779 ng/ul	97
71) Pentachlorophenol	17.093	266	37982	23.553 ng/ul	91
72) Phenanthrene	17.481	178	652384	38.308 ng/ul	97
74) Anthracene	17.575	178	542223	30.927 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.498	216	163007	32.158 ng/ul	97
76) Pentachlorobenzene	15.008	250	160307	31.955 ng/ul	97
77) Carbazole	17.845	167	447554	30.024 ng/ul	99
78) Di-n-butylphthalate	18.386	149	550737	32.226 ng/ul	98
80) Fluoranthene	19.484	202	878975	40.037 ng/ul	100
82) Pyrene	19.848	202	704184	30.848 ng/ul	99
83) Butylbenzylphthalate	20.718	149	231832	34.226 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.599	252	215481	29.415 ng/ul	98
85) Benzo(a)anthracene	21.681	228	844494	35.646 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.564	149	336011	34.604 ng/ul	97
87) Chrysene	21.752	228	788759	36.214 ng/ul	99
89) Di-n-octyl phthalate	22.774	149	545087	34.128 ng/ul	100
90) Benzo(b)fluoranthene	23.907	252	762770	35.560 ng/ul	100
91) Benzo(k)fluoranthene	23.978	252	763386	35.653 ng/ul	99
93) Benzo(a)pyrene	24.783	252	335250	16.689 ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.631	276	634344m	27.485 ng/ul	
95) Dibenzo(a,h)anthracene	28.689	278	695297	36.331 ng/ul	98
96) Benzo(g,h,i)perylene	29.770	276	65800m	3.561 ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062172.D
Acq On : 22 Jul 2024 22:20
Operator : MA/JU
Sample : P3201-25MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 23:53:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MS

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024