Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058429.D
Acq On : 24 Jul 2023 18:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 22:16:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020536

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	49104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.621	136	221833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	156014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.213	188	367362	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	308064	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	378336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	12796	9.591	ng/uL	0.00
4) Pyridine-d5	3.652	84	81063	20.471	ng/ul	0.00
7) Phenol-d5	6.984	99	90797	19.492	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	61137	20.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	70223	21.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113	70761	19.915	ng/ul	0.00
21) Nitrobenzene-d5	8.976	128	36032	21.670	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	39868	21.963	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	76892	22.096	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	95779	18.986	ng/ul	0.00
46) Dimethylphthalate-d6	13.870	166	260067	21.617	ng/ul	0.00
49) Acenaphthylene-d8	14.158	160	292546	23.204	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	31221	17.184	ng/ul	0.00
60) Fluorene-d10	15.456	176	225820	22.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	43853	23.430	ng/ul	0.00
73) Anthracene-d10	17.307	188	363177	22.880	ng/ul	0.00
81) Pyrene-d10	19.598	212	433964	23.850	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	412580	22.562	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	13999	9.251	ng/uL	92
5) Pyridine	3.670	79	88570	21.179	ng/ul	96
6) Benzaldehyde	6.954	77	26539m	14.107	ng/ul	
8) Phenol	7.013	94	92358	19.092	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.236	93	79436	21.435	ng/ul	96
12) 2-Chlorophenol	7.383	128	73519	21.540	ng/ul	98
13) 2-Methylphenol	8.265	108	76658	20.332	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.347	45	142361m	23.441	ng/ul	
16) Acetophenone	8.641	105	125652	20.766	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.623	70	72934	22.023	ng/ul	97
18) 4-Methylphenol	8.594	108	81403	19.867	ng/ul	98
19) Hexachloroethane	8.893	117	31737	23.590	ng/ul	93
22) Nitrobenzene	9.023	77	93408	21.065	ng/ul	98
23) Isophorone	9.540	82	220396	22.170	ng/ul	99
25) 2-Nitrophenol	9.733	139	43078	22.217	ng/ul	93
26) 2,4-Dimethylphenol	9.792	107	93205	21.558	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.027	93	117304	22.280	ng/ul	98
29) 2,4-Dichlorophenol	10.274	162	73440	22.236	ng/ul	94
30) Naphthalene	10.668	128	268628	22.655	ng/ul	100
32) 4-Chloroaniline	10.785	127	99276	19.255	ng/ul	98
33) Hexachlorobutadiene	10.950	225	55253	23.395	ng/ul	97
34) Caprolactam	11.567	113	29358m	21.401	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	88093	20.958	ng/ul	94
36) 2-Methylnaphthalene	12.283	142	178124	22.422	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058429.D
Acq On : 24 Jul 2023 18:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 22:16:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020536

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	179619	22.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.654	216	105214	23.296	ng/ul	100
40) Hexachlorocyclopentadiene	12.630	237	48189	19.839	ng/ul	99
41) 2,4,6-Trichlorophenol	12.900	196	70425	23.035	ng/ul	98
42) 2,4,5-Trichlorophenol	12.977	196	70957	21.765	ng/ul	99
43) 1,1'-Biphenyl	13.294	154	241577	22.899	ng/ul	98
44) 2-Chloronaphthalene	13.341	162	192032	22.894	ng/ul	99
45) 2-Nitroaniline	13.547	65	59208	20.322	ng/ul	99
47) Dimethylphthalate	13.917	163	265667	21.985	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	53502	22.912	ng/ul	95
50) Acenaphthylene	14.187	152	316080	23.226	ng/ul	99
51) 3-Nitroaniline	14.381	138	29424m	15.120	ng/ul	
52) Acenaphthene	14.528	153	212378	22.477	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	32796m	26.389	ng/ul	
55) 4-Nitrophenol	14.692	109	31460	22.483	ng/ul	92
56) Dibenzofuran	14.863	168	304307	22.618	ng/ul	97
57) 2,4-Dinitrotoluene	14.833	165	78474	23.300	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.092	232	67194	22.308	ng/ul#	97
59) Diethylphthalate	15.280	149	274872	22.080	ng/ul	99
61) Fluorene	15.515	166	247756	22.455	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.509	204	131142	22.390	ng/ul	97
63) 4-Nitroaniline	15.544	138	24760m	14.061	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	45921	23.848	ng/ul	97
67) N-Nitrosodiphenylamine	15.721	169	206823	22.712	ng/ul	99
68) 4-Bromophenyl-phenylether	16.402	248	88544	22.756	ng/ul	95
69) Hexachlorobenzene	16.520	284	101900	23.208	ng/ul	99
70) Atrazine	16.666	200	86079	24.110	ng/ul	97
71) Pentachlorophenol	16.866	266	43862	17.797	ng/ul	92
72) Phenanthrene	17.254	178	400384	22.934	ng/ul	98
74) Anthracene	17.342	178	409964	23.392	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.265	216	111705	24.242	ng/uL	99
76) Pentachlorobenzene	14.786	250	118468	23.510	ng/uL	96
77) Carbazole	17.618	167	349263	22.989	ng/ul	99
78) Di-n-butylphthalate	18.171	149	470627	24.379	ng/ul	99
80) Fluoranthene	19.269	202	496355	23.812	ng/ul	100
82) Pyrene	19.628	202	501116	23.726	ng/ul	98
83) Butylbenzylphthalate	20.515	149	204333	24.569	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.355	252	136963	19.916	ng/ul	97
85) Benzo(a)anthracene	21.432	228	469712	22.684	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	312490	26.417	ng/ul	100
87) Chrysene	21.496	228	444215	22.617	ng/ul	100
89) Di-n-octyl phthalate	22.489	149	533107	26.483	ng/ul	100
90) Benzo(b)fluoranthene	23.547	252	504622	23.052	ng/ul	100
91) Benzo(k)fluoranthene	23.611	252	473823	21.703	ng/ul	99
93) Benzo(a)pyrene	24.375	252	442638	22.735	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.012	276	579483	22.590	ng/ul	99
95) Dibenzo(a,h)anthracene	28.071	278	469687	22.328	ng/ul	98
96) Benzo(g,h,i)perylene	29.111	276	481866	23.056	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058429.D
Acq On : 24 Jul 2023 18:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 22:16:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020536

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023