Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061894.D
Acq On : 5 Jul 2024 10:54
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 11:55:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020555

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	35856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.909	136	181156	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	124350	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	296372	20.000	ng/ul	0.00
79) Chrysene-d12	21.720	240	257553	20.000	ng/ul	# 0.00
88) Perylene-d12	24.957	264	312408	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.477	96	8025m	8.411	ng/uL	-0.01
4) Pyridine-d5	3.900	84	54627	18.620	ng/ul	0.00
7) Phenol-d5	7.243	99	72079	18.369	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.413	67	44420	17.876	ng/ul	0.00
11) 2-Chlorophenol-d4	7.625	132	53455	19.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.794	113	58814	19.037	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	27510	19.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	32953	20.944	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	63985	21.084	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.038	131	85682	19.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	203211	19.877	ng/ul	0.00
49) Acenaphthylene-d8	14.411	160	224961	21.044	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	31545	19.322	ng/ul	-0.01
60) Fluorene-d10	15.703	176	179086	20.809	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	32021	20.572	ng/ul	0.00
73) Anthracene-d10	17.554	188	276406	19.976	ng/ul	0.00
81) Pyrene-d10	19.834	212	307037	20.268	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.734	264	312361	20.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.518	88	8320	7.900	ng/uL#	89
5) Pyridine	3.923	79	56968	18.934	ng/ul	93
6) Benzaldehyde	7.231	77	42337	20.386	ng/ul	90
8) Phenol	7.272	94	75497	18.792	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.507	93	56706	18.374	ng/ul	93
12) 2-Chlorophenol	7.654	128	55308	20.169	ng/ul#	90
13) 2-Methylphenol	8.530	108	55506	19.358	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.624	45	118045m	17.507	ng/ul	
16) Acetophenone	8.917	105	96734	18.955	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.894	70	50213	17.575	ng/ul	98
18) 4-Methylphenol	8.859	108	59600	18.560	ng/ul	98
19) Hexachloroethane	9.182	117	22618	19.013	ng/ul#	72
22) Nitrobenzene	9.305	77	79336	20.286	ng/ul	97
23) Isophorone	9.822	82	159370	18.038	ng/ul#	96
25) 2-Nitrophenol	10.016	139	32468	20.235	ng/ul	89
26) 2,4-Dimethylphenol	10.069	107	77906	20.288	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.304	93	86696	17.818	ng/ul	99
29) 2,4-Dichlorophenol	10.545	162	57795	20.274	ng/ul	90
30) Naphthalene	10.962	128	198491	19.947	ng/ul	100
32) 4-Chloroaniline	11.062	127	83758	19.374	ng/ul	97
33) Hexachlorobutadiene	11.232	225	49200	22.935	ng/ul	98
34) Caprolactam	11.814	113	21144m	18.932	ng/ul	
35) 4-Chloro-3-methylphenol	12.178	107	75250	19.820	ng/ul	98
36) 2-Methylnaphthalene	12.554	142	144527	20.048	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.772	142	150401	20.075	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.913	216	81213	21.748	ng/ul	97
40) Hexachlorocyclopentadiene	12.889	237	43843	17.637	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.154	196	52932	21.341	ng/ul	100
42) 2,4,5-Trichlorophenol	13.230	196	54797	20.112	ng/ul	95
43) 1,1'-Biphenyl	13.553	154	201890	21.072	ng/ul#	96
44) 2-Chloronaphthalene	13.600	162	152075	21.149	ng/ul	98
45) 2-Nitroaniline	13.800	65	61849	21.479	ng/ul	97
47) Dimethylphthalate	14.164	163	194494	19.779	ng/ul#	98
48) 2,6-Dinitrotoluene	14.288	165	39004	20.909	ng/ul	97
50) Acenaphthylene	14.446	152	247666	21.109	ng/ul	97
51) 3-Nitroaniline	14.617	138	38379	21.136	ng/ul	96
52) Acenaphthene	14.781	153	169131	20.877	ng/ul	97
53) 2,4-Dinitrophenol	14.822	184	17341	17.793	ng/ul	89
55) 4-Nitrophenol	14.922	109	38401	20.609	ng/ul	92
56) Dibenzofuran	15.116	168	236661	20.669	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	60078	21.961	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.333	232	46973	19.092	ng/ul#	93
59) Diethylphthalate	15.521	149	209728	19.792	ng/ul	99
61) Fluorene	15.762	166	198699	20.406	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.750	204	101825	20.818	ng/ul	90
63) 4-Nitroaniline	15.780	138	37106	20.139	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.833	198	35197	21.012	ng/ul#	95
67) N-Nitrosodiphenylamine	15.962	169	162763	20.110	ng/ul	98
68) 4-Bromophenyl-phenylether	16.644	248	69015	20.526	ng/ul	99
69) Hexachlorobenzene	16.755	284	84367	21.822	ng/ul	97
70) Atrazine	16.908	200	69120	21.633	ng/ul	91
71) Pentachlorophenol	17.102	266	36789	17.311	ng/ul#	85
72) Phenanthrene	17.501	178	314559	20.129	ng/ul	98
74) Anthracene	17.590	178	318434	19.718	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.518	216	80686	21.920	ng/ul#	88
76) Pentachlorobenzene	15.028	250	90191	21.483	ng/ul	95
77) Carbazole	17.860	167	277318	20.404	ng/ul	99
78) Di-n-butylphthalate	18.406	149	331163	18.978	ng/ul	98
80) Fluoranthene	19.505	202	357417	19.936	ng/ul#	94
82) Pyrene	19.863	202	364583	19.687	ng/ul	97
83) Butylbenzylphthalate	20.739	149	150418	19.353	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.614	252	140826	22.984	ng/ul	95
85) Benzo(a)anthracene	21.702	228	382112	20.491	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.597	149	213010	19.099	ng/ul	96
87) Chrysene	21.767	228	352205	20.176	ng/ul	99
89) Di-n-octyl phthalate	22.819	149	376226	19.712	ng/ul	100
90) Benzo(b)fluoranthene	23.923	252	391095	19.870	ng/ul	99
91) Benzo(k)fluoranthene	23.994	252	395607	20.156	ng/ul	94
93) Benzo(a)pyrene	24.805	252	374431	20.089	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.647	276	487550	20.470	ng/ul	98
95) Dibenzo(a,h)anthracene	28.718	278	395448	20.103	ng/ul	97
96) Benzo(g,h,i)perylene	29.805	276	388315m	20.493	ng/ul	

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

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