Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061926.D
Acq On : 6 Jul 2024 12:02
Operator : MA/JU
Sample : P2982-03MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jul 08 05:53:32 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 :
A4CT2MSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	33799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.911	136	171921	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	127103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	295473	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.722	240	256169	20.000	ng/ul	0.00
88) Perylene-d12	24.959	264	307053	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.490	96	159	0.177	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.244	99	11481	3.104	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.421	67	7371	3.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.626	132	8438	3.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.796	113	7076	2.430	ng/ul	0.00
21) Nitrobenzene-d5	9.260	128	5083	3.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.988	143	5436	3.641	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	11148	3.871	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	5657m	1.353	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	38687	3.702	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	37241	3.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	4929	2.954	ng/ul	0.00
60) Fluorene-d10	15.705	176	32949	3.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	4755	3.064	ng/ul	-0.02
73) Anthracene-d10	17.556	188	48312	3.502	ng/ul	0.00
81) Pyrene-d10	19.836	212	49375	3.277	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.736	264	35458m	2.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	1650m	1.662	ng/uL	
6) Benzaldehyde	7.227	77	5468	2.793	ng/ul#	77
8) Phenol	7.280	94	14679	3.876	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.515	93	9186	3.158	ng/ul	95
12) 2-Chlorophenol	7.662	128	10498	4.061	ng/ul#	84
13) 2-Methylphenol	8.531	108	8535	3.158	ng/ul#	74
14) 2,2'-oxybis(1-Chloropr...	8.625	45	23218	3.653	ng/ul#	96
16) Acetophenone	8.919	105	19186	3.988	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.895	70	10213	3.792	ng/ul#	80
18) 4-Methylphenol	8.860	108	10560	3.489	ng/ul	95
19) Hexachloroethane	9.177	117	3364	3.000	ng/ul#	75
22) Nitrobenzene	9.301	77	15395	4.148	ng/ul	92
23) Isophorone	9.818	82	29261	3.490	ng/ul#	90
25) 2-Nitrophenol	10.018	139	5789m	3.802	ng/ul	
26) 2,4-Dimethylphenol	10.076	107	2433m	0.668	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.306	93	15694	3.399	ng/ul	98
29) 2,4-Dichlorophenol	10.552	162	12643	4.673	ng/ul#	93
30) Naphthalene	10.958	128	40481	4.287	ng/ul#	94
32) 4-Chloroaniline	11.063	127	8732	2.128	ng/ul	93
33) Hexachlorobutadiene	11.234	225	9109	4.474	ng/ul	98
34) Caprolactam	11.804	113	3555m	3.354	ng/ul	
35) 4-Chloro-3-methylphenol	12.180	107	15912	4.416	ng/ul#	74
36) 2-Methylnaphthalene	12.556	142	29862	4.365	ng/ul	96
37) 1-Methylnaphthalene	12.773	142	30561	4.298	ng/ul	100

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

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.920	216	17277	4.526	ng/ul#	95
40) Hexachlorocyclopentadiene	12.885	237	1427	0.562	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.155	196	11170	4.406	ng/ul	93
42) 2,4,5-Trichlorophenol	13.226	196	12333m	4.428	ng/ul	
43) 1,1'-Biphenyl	13.555	154	43868	4.479	ng/ul	97
44) 2-Chloronaphthalene	13.602	162	32094	4.367	ng/ul	98
45) 2-Nitroaniline	13.801	65	13411m	4.556	ng/ul	
47) Dimethylphthalate	14.166	163	41564	4.135	ng/ul	96
48) 2,6-Dinitrotoluene	14.289	165	9644	5.058	ng/ul	95
50) Acenaphthylene	14.442	152	50324	4.196	ng/ul#	94
51) 3-Nitroaniline	14.618	138	8764	4.722	ng/ul#	78
52) Acenaphthene	14.777	153	36360	4.391	ng/ul	89
53) 2,4-Dinitrophenol	14.824	184	2250	2.259	ng/ul#	79
55) 4-Nitrophenol	14.924	109	9603	5.042	ng/ul	91
56) Dibenzofuran	15.112	168	53255	4.550	ng/ul	100
57) 2,4-Dinitrotoluene	15.070	165	13217	4.727	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.335	232	11198	4.453	ng/ul#	85
59) Diethylphthalate	15.517	149	45116	4.165	ng/ul	95
61) Fluorene	15.764	166	46603	4.682	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.752	204	23604	4.721	ng/ul	94
63) 4-Nitroaniline	15.776	138	8785	4.665	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.828	198	5886	3.524	ng/ul#	80
67) N-Nitrosodiphenylamine	15.964	169	36573	4.532	ng/ul	95
68) 4-Bromophenyl-phenylether	16.645	248	15549	4.639	ng/ul	94
69) Hexachlorobenzene	16.757	284	15074	3.911	ng/ul#	81
70) Atrazine	16.904	200	10466	3.286	ng/ul	93
71) Pentachlorophenol	17.115	266	6244	2.947	ng/ul#	65
72) Phenanthrene	17.497	178	95176	6.109	ng/ul	93
74) Anthracene	17.591	178	70443	4.375	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.519	216	18155	4.947	ng/ul	91
76) Pentachlorobenzene	15.029	250	17224	4.115	ng/ul	98
77) Carbazole	17.855	167	58950	4.351	ng/ul	96
78) Di-n-butylphthalate	18.408	149	86138	4.951	ng/ul	97
80) Fluoranthene	19.501	202	138936	7.792	ng/ul#	92
82) Pyrene	19.865	202	107813	5.853	ng/ul	98
83) Butylbenzylphthalate	20.740	149	36617	4.737	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.610	252	19086	3.132	ng/ul	90
85) Benzo(a)anthracene	21.698	228	111501	6.012	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.598	149	59070	5.325	ng/ul#	99
87) Chrysene	21.769	228	111364	6.414	ng/ul	98
89) Di-n-octyl phthalate	22.814	149	91028	4.853	ng/ul	100
90) Benzo(b)fluoranthene	23.925	252	134509	6.953	ng/ul	97
91) Benzo(k)fluoranthene	23.995	252	104768	5.431	ng/ul	98
93) Benzo(a)pyrene	24.806	252	51351	2.803	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.643	276	94773m	4.048	ng/ul	
95) Dibenzo(a,h)anthracene	28.713	278	102493m	5.301	ng/ul	
96) Benzo(g,h,i)perylene	29.812	276	10731m	0.576	ng/ul	

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

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Instrument :
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