Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062004.D
Acq On : 10 Jul 2024 18:40
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020565

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 19:18:30 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	37855	20.000	ng/ul		0.00
20) Naphthalene-d8	10.908	136	193301	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.716	164	139073	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.460	188	316068	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.719	240	284661	20.000	ng/ul		0.00
88) Perylene-d12	24.957	264	343689	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.482	96	7259m	7.206	ng/uL		0.00
4) Pyridine-d5	3.905	84	52211	16.856	ng/ul		0.00
7) Phenol-d5	7.248	99	76153	18.382	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	44114	16.815	ng/ul		0.00
11) 2-Chlorophenol-d4	7.624	132	54175	19.064	ng/ul		0.00
15) 4-Methylphenol-d8	8.793	113	60901	18.671	ng/ul		0.00
21) Nitrobenzene-d5	9.257	128	30019	20.419	ng/ul		0.00
24) 2-Nitrophenol-d4	9.986	143	34338	20.453	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.527	165	64874	20.034	ng/ul		0.00
31) 4-Chloroaniline-d4	11.044	131	88352	18.793	ng/ul		0.00
46) Dimethylphthalate-d6	14.116	166	209519	18.325	ng/ul		0.00
49) Acenaphthylene-d8	14.410	160	237808	19.891	ng/ul		0.00
54) 4-Nitrophenol-d4	14.915	143	30266	16.576	ng/ul		0.00
60) Fluorene-d10	15.709	176	184998	19.220	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	31054	18.708	ng/ul		0.00
73) Anthracene-d10	17.554	188	278862	18.897	ng/ul		0.00
81) Pyrene-d10	19.833	212	316803	18.921	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.733	264	329302	19.319	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	8113	7.297	ng/uL	#	82
5) Pyridine	3.922	79	53203	16.749	ng/ul		83
6) Benzaldehyde	7.230	77	47072	21.469	ng/ul		87
8) Phenol	7.277	94	77911	18.369	ng/ul		93
10) Bis(2-Chloroethyl)ether	7.512	93	55618	17.070	ng/ul		95
12) 2-Chlorophenol	7.659	128	54893	18.961	ng/ul		90
13) 2-Methylphenol	8.535	108	56262	18.585	ng/ul		92
14) 2,2'-oxybis(1-Chloropr...	8.623	45	120141	16.877	ng/ul	#	98
16) Acetophenone	8.917	105	97011	18.005	ng/ul		97
17) N-Nitroso-di-n-propyla...	8.893	70	51453	17.058	ng/ul	#	92
18) 4-Methylphenol	8.858	108	63991	18.876	ng/ul		92
19) Hexachloroethane	9.181	117	23837	18.980	ng/ul		88
22) Nitrobenzene	9.304	77	82482	19.765	ng/ul		99
23) Isophorone	9.821	82	152408	16.166	ng/ul		98
25) 2-Nitrophenol	10.015	139	33379	19.496	ng/ul	#	82
26) 2,4-Dimethylphenol	10.068	107	77980	19.031	ng/ul		94
27) Bis(2-Chloroethoxy)met...	10.303	93	89284	17.197	ng/ul		97
29) 2,4-Dichlorophenol	10.550	162	64688	21.266	ng/ul		98
30) Naphthalene	10.955	128	208922	19.676	ng/ul		97
32) 4-Chloroaniline	11.067	127	84462	18.309	ng/ul		93
33) Hexachlorobutadiene	11.232	225	51207	22.371	ng/ul		92
34) Caprolactam	11.819	113	21690m	18.200	ng/ul		
35) 4-Chloro-3-methylphenol	12.183	107	80376	19.840	ng/ul		89
36) 2-Methylnaphthalene	12.554	142	148450	19.298	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	155484	19.450	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.918	216	89465	21.422	ng/ul	96
40) Hexachlorocyclopentadiene	12.894	237	27381	9.849	ng/ul#	80
41) 2,4,6-Trichlorophenol	13.159	196	53477	19.278	ng/ul	96
42) 2,4,5-Trichlorophenol	13.229	196	59104	19.396	ng/ul	86
43) 1,1'-Biphenyl	13.552	154	207057	19.323	ng/ul	98
44) 2-Chloronaphthalene	13.599	162	162691	20.230	ng/ul	97
45) 2-Nitroaniline	13.799	65	66721	20.718	ng/ul	95
47) Dimethylphthalate	14.163	163	197132	17.925	ng/ul#	98
48) 2,6-Dinitrotoluene	14.287	165	40678	19.498	ng/ul	95
50) Acenaphthylene	14.445	152	259700	19.792	ng/ul	98
51) 3-Nitroaniline	14.622	138	37783	18.605	ng/ul	82
52) Acenaphthene	14.780	153	179456	19.806	ng/ul	93
53) 2,4-Dinitrophenol	14.827	184	14900	13.670	ng/ul	95
55) 4-Nitrophenol	14.927	109	39758	19.078	ng/ul	92
56) Dibenzofuran	15.115	168	246062	19.215	ng/ul	95
57) 2,4-Dinitrotoluene	15.074	165	64012	20.922	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.339	232	49545	18.006	ng/ul	99
59) Diethylphthalate	15.521	149	216919	18.304	ng/ul	98
61) Fluorene	15.762	166	207546	19.058	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.750	204	105707	19.324	ng/ul#	89
63) 4-Nitroaniline	15.773	138	39159	19.003	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.838	198	32735	18.324	ng/ul#	89
67) N-Nitrosodiphenylamine	15.961	169	165721	19.199	ng/ul	98
68) 4-Bromophenyl-phenylether	16.643	248	74956	20.904	ng/ul	98
69) Hexachlorobenzene	16.755	284	82800	20.082	ng/ul	98
70) Atrazine	16.907	200	68977	20.243	ng/ul	96
71) Pentachlorophenol	17.107	266	34541	15.241	ng/ul	93
72) Phenanthrene	17.501	178	315874	18.954	ng/ul	99
74) Anthracene	17.595	178	326759	18.972	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.523	216	87683	22.336	ng/ul	98
76) Pentachlorobenzene	15.027	250	101918	22.763	ng/ul	96
77) Carbazole	17.859	167	276444	19.072	ng/ul	98
78) Di-n-butylphthalate	18.406	149	343812	18.475	ng/ul	98
80) Fluoranthene	19.504	202	363524	18.346	ng/ul#	94
82) Pyrene	19.863	202	377500	18.443	ng/ul	95
83) Butylbenzylphthalate	20.738	149	156009	18.161	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.613	252	152932	22.582	ng/ul	98
85) Benzo(a)anthracene	21.702	228	394614	19.146	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.590	149	225070	18.259	ng/ul	93
87) Chrysene	21.766	228	365193	18.927	ng/ul	97
89) Di-n-octyl phthalate	22.812	149	389727	18.561	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	409085	18.892	ng/ul#	98
91) Benzo(k)fluoranthene	23.987	252	413028	19.128	ng/ul#	94
93) Benzo(a)pyrene	24.804	252	390674	19.053	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.652	276	489094m	18.666	ng/ul	
95) Dibenzo(a,h)anthracene	28.717	278	424396m	19.611	ng/ul	
96) Benzo(g,h,i)perylene	29.816	276	375487m	18.012	ng/ul	

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

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