Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061803.D
Acq On : 29 Jun 2024 12:35
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020546

Quant Time: Jul 01 00:54:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	81929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	381229	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	266101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	620393	20.000	ng/ul	0.00
79) Chrysene-d12	21.691	240	513453	20.000	ng/ul	0.00
88) Perylene-d12	24.905	264	598431	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	18141	7.999	ng/uL	0.00
4) Pyridine-d5	3.870	84	133298	19.439	ng/ul	0.00
7) Phenol-d5	7.202	99	174902	19.665	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	109729	19.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	121757	19.949	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	134783	19.603	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	59343	22.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	72240	27.555	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	136744	22.028	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	187833	19.985	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	424096	20.710	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	480077	21.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	73052	20.772	ng/ul	0.00
60) Fluorene-d10	15.674	176	379966	21.195	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	59793	22.539	ng/ul	0.00
73) Anthracene-d10	17.525	188	610176	21.547	ng/ul	0.00
81) Pyrene-d10	19.805	212	633805	22.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	613507	21.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.494	88	20285	7.197	ng/uL#	79
5) Pyridine	3.888	79	143214	19.429	ng/ul	91
6) Benzaldehyde	7.196	77	108359	24.758	ng/ul	97
8) Phenol	7.231	94	182155	19.462	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.472	93	132813	18.853	ng/ul#	91
12) 2-Chlorophenol	7.619	128	127641	20.845	ng/ul	98
13) 2-Methylphenol	8.489	108	129115	19.717	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.583	45	283736	19.714	ng/ul	96
16) Acetophenone	8.882	105	211224	18.656	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.859	70	110279	18.132	ng/ul#	96
18) 4-Methylphenol	8.818	108	137410	18.730	ng/ul	92
19) Hexachloroethane	9.141	117	52737	21.480	ng/ul	91
22) Nitrobenzene	9.264	77	172982	23.197	ng/ul	94
23) Isophorone	9.787	82	341162	19.893	ng/ul	99
25) 2-Nitrophenol	9.975	139	70552	25.735	ng/ul#	74
26) 2,4-Dimethylphenol	10.028	107	160536	20.938	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	197601	20.368	ng/ul	95
29) 2,4-Dichlorophenol	10.504	162	125643	22.090	ng/ul	98
30) Naphthalene	10.915	128	434212	20.356	ng/ul	98
32) 4-Chloroaniline	11.021	127	178963	19.199	ng/ul	96
33) Hexachlorobutadiene	11.191	225	94069	23.944	ng/ul	93
34) Caprolactam	11.779	113	46571m	19.802	ng/ul	
35) 4-Chloro-3-methylphenol	12.137	107	166982	20.995	ng/ul	92
36) 2-Methylnaphthalene	12.519	142	290755	19.317	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.737	142	307360	19.138	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.878	216	164282	21.814	ng/ul	97
40) Hexachlorocyclopentadiene	12.854	237	57310	12.790	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.118	196	112335	23.120	ng/ul	93
42) 2,4,5-Trichlorophenol	13.189	196	120725m	22.795	ng/ul	
43) 1,1'-Biphenyl	13.518	154	414943	21.527	ng/ul	99
44) 2-Chloronaphthalene	13.565	162	312224	21.087	ng/ul	99
45) 2-Nitroaniline	13.765	65	133551	26.348	ng/ul	92
47) Dimethylphthalate	14.135	163	414641	20.391	ng/ul	99
48) 2,6-Dinitrotoluene	14.258	165	88804	26.317	ng/ul#	93
50) Acenaphthylene	14.405	152	508313	20.291	ng/ul	98
51) 3-Nitroaniline	14.587	138	88359	25.570	ng/ul#	98
52) Acenaphthene	14.746	153	360556	20.783	ng/ul	89
53) 2,4-Dinitrophenol	14.787	184	35449	20.673	ng/ul#	84
55) 4-Nitrophenol	14.887	109	79059	21.769	ng/ul	95
56) Dibenzofuran	15.081	168	501434	20.655	ng/ul	92
57) 2,4-Dinitrotoluene	15.040	165	133945	26.742	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.304	232	108281	20.852	ng/ul#	96
59) Diethylphthalate	15.498	149	436323	20.834	ng/ul	97
61) Fluorene	15.727	166	419777	20.893	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.721	204	209438	20.998	ng/ul	95
63) 4-Nitroaniline	15.745	138	93208	25.461	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.798	198	64816	21.570	ng/ul#	90
67) N-Nitrosodiphenylamine	15.933	169	352260	21.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.614	248	145169	22.726	ng/ul	95
69) Hexachlorobenzene	16.726	284	170237	21.961	ng/ul	93
70) Atrazine	16.879	200	137299	21.426	ng/ul	97
71) Pentachlorophenol	17.067	266	94093	19.926	ng/ul	98
72) Phenanthrene	17.472	178	673618	20.639	ng/ul	99
74) Anthracene	17.560	178	704907	21.120	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.483	216	165568	23.954	ng/ul	97
76) Pentachlorobenzene	14.999	250	191075	23.020	ng/ul	95
77) Carbazole	17.825	167	601136	21.212	ng/ul	98
78) Di-n-butylphthalate	18.383	149	762367	22.493	ng/ul	98
80) Fluoranthene	19.476	202	772828	23.224	ng/ul	96
82) Pyrene	19.834	202	786513	22.228	ng/ul	97
83) Butylbenzylphthalate	20.721	149	319938	24.834	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.585	252	252071	23.218	ng/ul#	96
85) Benzo(a)anthracene	21.667	228	765555	21.241	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.579	149	458374	24.205	ng/ul#	98
87) Chrysene	21.732	228	711826	20.872	ng/ul	98
89) Di-n-octyl phthalate	22.795	149	787605	24.953	ng/ul	100
90) Benzo(b)fluoranthene	23.882	252	755847	21.011	ng/ul	96
91) Benzo(k)fluoranthene	23.947	252	785542	21.233	ng/ul	99
93) Benzo(a)pyrene	24.752	252	730019	21.079	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.559	276	936152	21.692	ng/ul	97
95) Dibenzo(a,h)anthracene	28.636	278	771780	21.506	ng/ul	97
96) Benzo(g,h,i)perylene	29.711	276	741146	21.304	ng/ul	99

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

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