Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035912.D
Acq On : 25 Jul 2022 12:54
Operator : CG/JU
Sample : SSTD04057
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040008

Quant Time: Jul 25 13:57:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 13:20:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	385584	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1710133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	1018541	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	2059155	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1919734	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1718329	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	168564	17.451	ng/uL	0.00
4) Pyridine-d5	3.699	84	1174796	49.382	ng/ul	0.00
7) Phenol-d5	7.051	99	1360835	46.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	909854	49.511	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	1160985	45.359	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	1111828	44.944	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	590397	46.379	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	593699	43.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	1039662	44.609	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	1693714	46.187	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	3024492	43.654	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	3892087	45.332	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	612331	57.535	ng/ul	0.00
60) Fluorene-d10	15.516	176	2702604	45.051	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	468748	38.183	ng/ul	0.00
73) Anthracene-d10	17.362	188	4056994	43.832	ng/ul	0.00
81) Pyrene-d10	19.651	212	4547034	48.178	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.662	264	3789638	45.725	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	174296	17.799	ng/uL	94
5) Pyridine	3.716	79	1238311	49.352	ng/ul	89
6) Benzaldehyde	7.028	77	784836	62.005	ng/ul	95
8) Phenol	7.081	94	1493480	47.363	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.316	93	1200906	48.761	ng/ul	97
12) 2-Chlorophenol	7.451	128	1186721	44.767	ng/ul	98
13) 2-Methylphenol	8.334	108	1122289	48.049	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1587312	43.238	ng/ul	96
16) Acetophenone	8.716	105	1803597	48.087	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	930361	52.572	ng/ul	94
18) 4-Methylphenol	8.669	108	1208070	48.058	ng/ul	98
19) Hexachloroethane	8.969	117	482924	45.556	ng/ul	89
22) Nitrobenzene	9.098	77	1326026	49.073	ng/ul	99
23) Isophorone	9.628	82	2559053	50.071	ng/ul	98
25) 2-Nitrophenol	9.810	139	655890	43.900	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	1281064	45.248	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	1573579	47.478	ng/ul	100
29) 2,4-Dichlorophenol	10.339	162	1063697	44.981	ng/ul	99
30) Naphthalene	10.745	128	3806775	43.572	ng/ul	99
32) 4-Chloroaniline	10.857	127	1674806	45.876	ng/ul	98
33) Hexachlorobutadiene	11.028	225	646781	43.468	ng/ul	99
34) Caprolactam	11.645	113	352262m	44.241	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	1143303	46.120	ng/ul	97
36) 2-Methylnaphthalene	12.351	142	2526964	44.482	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	2561751	44.641	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.722	216	1219549	42.759	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	802846	76.549	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	813501	45.728	ng/ul	100
42) 2,4,5-Trichlorophenol	13.033	196	863960	46.808	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	3309128	43.445	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	2544909	43.719	ng/ul	98
45) 2-Nitroaniline	13.610	65	753545	50.212	ng/ul	97
47) Dimethylphthalate	13.992	163	3013161	43.123	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	644113	46.627	ng/ul	95
50) Acenaphthylene	14.251	152	4209683	44.443	ng/ul	100
51) 3-Nitroaniline	14.433	138	718694	50.776	ng/ul	99
52) Acenaphthene	14.586	153	2701506	42.994	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	334401	43.928	ng/ul	98
55) 4-Nitrophenol	14.745	109	462849	66.918	ng/ul	85
56) Dibenzofuran	14.921	168	3721278	43.273	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	909403	45.337	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.145	232	692779	45.444	ng/ul	93
59) Diethylphthalate	15.351	149	3100891	43.797	ng/ul	99
61) Fluorene	15.568	166	3093430	44.294	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.568	204	1480952	45.181	ng/ul	95
63) 4-Nitroaniline	15.598	138	702990	55.601	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.651	198	465853	38.133	ng/ul#	99
67) N-Nitrosodiphenylamine	15.780	169	2557524	42.435	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	865595	43.835	ng/ul	97
69) Hexachlorobenzene	16.563	284	1060402	46.416	ng/ul	97
70) Atrazine	16.733	200	902362	42.401	ng/ul	99
71) Pentachlorophenol	16.910	266	635136	52.735	ng/ul	99
72) Phenanthrene	17.304	178	4696456	42.359	ng/ul	97
74) Anthracene	17.398	178	4708357	41.503	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	1276324	40.606	ng/uL	97
76) Pentachlorobenzene	14.839	250	1211368	43.346	ng/uL	100
77) Carbazole	17.668	167	4408444	43.059	ng/ul	99
78) Di-n-butylphthalate	18.239	149	5198056	36.648	ng/ul	99
80) Fluoranthene	19.315	202	5408930	47.112	ng/ul	100
82) Pyrene	19.680	202	5497492	45.749	ng/ul	99
83) Butylbenzylphthalate	20.586	149	2153624	41.688	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.362	252	1662122	47.470	ng/ul	98
85) Benzo(a)anthracene	21.427	228	5186111	44.741	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	3139283	40.949	ng/ul	98
87) Chrysene	21.480	228	5033638	43.562	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	4886861	43.332	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	5061022	49.588	ng/ul	97
91) Benzo(k)fluoranthene	23.139	252	4757407	48.461	ng/ul	97
93) Benzo(a)pyrene	23.709	252	4771734	46.635	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.280	276	4798677	40.058	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.303	278	4127821	40.272	ng/ul	96
96) Benzo(g,h,i)perylene	27.044	276	3915720	38.140	ng/ul	96

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

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