Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035911.D
Acq On : 25 Jul 2022 12:16
Operator : CG/JU
Sample : SSTD02056
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020007

Quant Time: Jul 25 13:23:15 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	7.886	152	345168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1536309	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	931575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	1944537	20.000	ng/ul	0.00
79) Chrysene-d12	21.438	240	1985133	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1992449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	75598	8.743	ng/uL	0.00
4) Pyridine-d5	3.698	84	515587	24.210	ng/ul	0.00
7) Phenol-d5	7.051	99	592637	22.403	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	405464	24.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	511691	22.332	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	482466	21.787	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	256821	22.457	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	248784	20.175	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	451726	21.576	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	799681	24.274	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	1360484	21.470	ng/ul	0.00
49) Acenaphthylene-d8	14.215	160	1728202	22.008	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	277136	28.471	ng/ul	0.00
60) Fluorene-d10	15.509	176	1235355	22.515	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	196994	16.993	ng/ul	0.00
73) Anthracene-d10	17.362	188	1883634	21.551	ng/ul	0.00
81) Pyrene-d10	19.650	212	2209476	22.639	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.656	264	2104761	21.902	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	79429	9.061	ng/uL	97
5) Pyridine	3.716	79	546362	24.324	ng/ul	92
6) Benzaldehyde	7.028	77	125793	11.102	ng/ul	92
8) Phenol	7.075	94	656210	23.247	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.316	93	530118	24.045	ng/ul	96
12) 2-Chlorophenol	7.445	128	519855	21.907	ng/ul	100
13) 2-Methylphenol	8.333	108	488315	23.354	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.416	45	707492	21.529	ng/ul	98
16) Acetophenone	8.716	105	803241	23.923	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.704	70	411956	26.004	ng/ul	94
18) 4-Methylphenol	8.663	108	531761	23.631	ng/ul	98
19) Hexachloroethane	8.969	117	210994	22.235	ng/ul	91
22) Nitrobenzene	9.098	77	591870	24.382	ng/ul	99
23) Isophorone	9.622	82	1127959	24.567	ng/ul	98
25) 2-Nitrophenol	9.810	139	279009	20.787	ng/ul	98
26) 2,4-Dimethylphenol	9.869	107	566662	22.279	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	702169	23.583	ng/ul	99
29) 2,4-Dichlorophenol	10.339	162	471725	22.205	ng/ul	99
30) Naphthalene	10.745	128	1729575	22.036	ng/ul	99
32) 4-Chloroaniline	10.857	127	797951	24.331	ng/ul	99
33) Hexachlorobutadiene	11.027	225	284210	21.262	ng/ul	98
34) Caprolactam	11.627	113	155806	21.782	ng/ul	93
35) 4-Chloro-3-methylphenol	11.980	107	502273	22.554	ng/ul	97
36) 2-Methylnaphthalene	12.351	142	1134713	22.234	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.574	142	1144705	22.205	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	541572	20.761	ng/ul	97
40) Hexachlorocyclopentadiene	12.698	237	334164	34.836	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	355098	21.824	ng/ul	98
42) 2,4,5-Trichlorophenol	13.027	196	375068	22.217	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	1499891	21.530	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	1152255	21.643	ng/ul	99
45) 2-Nitroaniline	13.610	65	330634	24.088	ng/ul	99
47) Dimethylphthalate	13.986	163	1371017	21.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	276338	21.872	ng/ul	92
50) Acenaphthylene	14.245	152	1924235	22.211	ng/ul	100
51) 3-Nitroaniline	14.427	138	230835	17.831	ng/ul	96
52) Acenaphthene	14.586	153	1224842	21.313	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	134754	19.354	ng/ul	98
55) 4-Nitrophenol	14.733	109	212908	33.655	ng/ul	87
56) Dibenzofuran	14.921	168	1726884	21.956	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	399598	21.781	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.145	232	306261	21.965	ng/ul	96
59) Diethylphthalate	15.345	149	1398780	21.601	ng/ul	99
61) Fluorene	15.568	166	1409172	22.061	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.562	204	668525	22.299	ng/ul	99
63) 4-Nitroaniline	15.586	138	218408	18.887	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	199717	17.312	ng/ul#	98
67) N-Nitrosodiphenylamine	15.780	169	1178582	20.708	ng/ul	99
68) 4-Bromophenyl-phenylether	16.456	248	388557	20.837	ng/ul	98
69) Hexachlorobenzene	16.562	284	475151	22.024	ng/ul	97
70) Atrazine	16.727	200	407212	20.263	ng/ul	98
71) Pentachlorophenol	16.909	266	280110	24.628	ng/ul	99
72) Phenanthrene	17.303	178	2207982	21.088	ng/ul	99
74) Anthracene	17.392	178	2245412	20.959	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.321	216	564602	19.021	ng/uL	97
76) Pentachlorobenzene	14.833	250	545508	20.670	ng/uL	99
77) Carbazole	17.668	167	2104186	21.764	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2366127	17.665	ng/ul	99
80) Fluoranthene	19.315	202	2604486	21.938	ng/ul	99
82) Pyrene	19.680	202	2717201	21.867	ng/ul	96
83) Butylbenzylphthalate	20.580	149	1004139	18.797	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.356	252	750759	20.735	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2654088	22.143	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	1502582	18.954	ng/ul	98
87) Chrysene	21.474	228	2577573	21.572	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2400465	18.357	ng/ul	100
90) Benzo(b)fluoranthene	23.085	252	2700256	22.817	ng/ul	98
91) Benzo(k)fluoranthene	23.132	252	2618650	23.005	ng/ul	98
93) Benzo(a)pyrene	23.703	252	2635706	22.215	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.279	276	2908609	20.940	ng/ul	94
95) Dibenzo(a,h)anthracene	26.297	278	2484826	20.907	ng/ul	96
96) Benzo(g,h,i)perylene	27.032	276	2421082	20.337	ng/ul	97

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

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