Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032145.D
Acq On : 25 Sep 2021 09:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020063

Quant Time: Sep 26 00:17:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 25 01:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	413591	20.000	ng/ul	0.00
20) Naphthalene-d8	10.460	136	1736346	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.313	164	1097248	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.036	188	2171138	20.000	ng/ul	0.00
79) Chrysene-d12	21.200	240	1864714	20.000	ng/ul	0.00
88) Perylene-d12	23.371	264	1644529	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	79374	8.103	ng/uL	0.00
4) Pyridine-d5	3.413	84	564556	20.303	ng/ul	0.00
7) Phenol-d5	6.848	99	657709	20.034	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.989	67	399339	20.230	ng/ul	0.00
11) 2-Chlorophenol-d4	7.201	132	523815	20.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.389	113	521214	20.303	ng/ul	0.00
21) Nitrobenzene-d5	8.819	128	221081	21.318	ng/ul	0.00
24) 2-Nitrophenol-d4	9.542	143	238081	21.711	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	531302	21.194	ng/ul	0.00
31) 4-Chloroaniline-d4	10.589	131	729333	21.526	ng/ul	0.00
46) Dimethylphthalate-d6	13.713	166	1527780	21.430	ng/ul	0.00
49) Acenaphthylene-d8	14.001	160	1938746	21.405	ng/ul	0.00
54) 4-Nitrophenol-d4	14.512	143	243591	21.004	ng/ul	0.00
60) Fluorene-d10	15.301	176	1307138	21.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.412	200	203777	19.860	ng/ul	0.00
73) Anthracene-d10	17.136	188	1960509	21.641	ng/ul	0.00
81) Pyrene-d10	19.418	212	2065190	21.049	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.230	264	1672479	21.670	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	85977	7.989	ng/uL	97
5) Pyridine	3.431	79	556798	20.195	ng/ul	98
6) Benzaldehyde	6.789	77	421340	22.780	ng/ul	97
8) Phenol	6.872	94	673613	20.239	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.084	93	552638	20.840	ng/ul	97
12) 2-Chlorophenol	7.237	128	543826	20.455	ng/ul	97
13) 2-Methylphenol	8.125	108	515193	20.453	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.195	45	719395	19.711	ng/ul	99
16) Acetophenone	8.483	105	837426	21.523	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.472	70	412525	20.787	ng/ul	98
18) 4-Methylphenol	8.454	108	561915	21.224	ng/ul	100
19) Hexachloroethane	8.760	117	216447	19.835	ng/ul	96
22) Nitrobenzene	8.860	77	563500	21.066	ng/ul	99
23) Isophorone	9.383	82	1143436	20.535	ng/ul	99
25) 2-Nitrophenol	9.578	139	276445	22.067	ng/ul	97
26) 2,4-Dimethylphenol	9.648	107	619248	20.756	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.866	93	750812	21.093	ng/ul	99
29) 2,4-Dichlorophenol	10.113	162	523872	21.242	ng/ul	99
30) Naphthalene	10.507	128	1780914	20.895	ng/ul	99
32) 4-Chloroaniline	10.613	127	748924	21.668	ng/ul	100
33) Hexachlorobutadiene	10.819	225	348851	20.577	ng/ul	98
34) Caprolactam	11.342	113	152820	20.316	ng/ul	92
35) 4-Chloro-3-methylphenol	11.754	107	563629	21.220	ng/ul	99
36) 2-Methylnaphthalene	12.124	142	1228255	21.467	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	1246545	21.405	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.507	216	656938	20.974	ng/ul	97
40) Hexachlorocyclopentadiene	12.501	237	344655	20.533	ng/ul	99
41) 2,4,6-Trichlorophenol	12.742	196	411503	21.005	ng/ul	100
42) 2,4,5-Trichlorophenol	12.813	196	441811	21.244	ng/ul	100
43) 1,1'-Biphenyl	13.142	154	1644446	21.162	ng/ul	99
44) 2-Chloronaphthalene	13.183	162	1240280	21.156	ng/ul	99
45) 2-Nitroaniline	13.383	65	285429	21.539	ng/ul	93
47) Dimethylphthalate	13.760	163	1517078	21.330	ng/ul	99
48) 2,6-Dinitrotoluene	13.871	165	264076	22.361	ng/ul	98
50) Acenaphthylene	14.030	152	2053587	21.587	ng/ul	100
51) 3-Nitroaniline	14.207	138	281984	21.832	ng/ul	97
52) Acenaphthene	14.377	153	1317130	21.284	ng/ul	99
53) 2,4-Dinitrophenol	14.407	184	118945	18.424	ng/ul	92
55) 4-Nitrophenol	14.524	109	203598	21.523	ng/ul	95
56) Dibenzofuran	14.707	168	1907257	21.473	ng/ul	98
57) 2,4-Dinitrotoluene	14.660	165	377931	22.942	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.942	232	363752	21.440	ng/ul	100
59) Diethylphthalate	15.124	149	1497922	21.545	ng/ul	100
61) Fluorene	15.354	166	1491872	21.647	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.348	204	754508	21.651	ng/ul	99
63) 4-Nitroaniline	15.365	138	259733	22.943	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.424	198	204676	20.208	ng/ul	96
67) N-Nitrosodiphenylamine	15.560	169	1288958	21.301	ng/ul	100
68) 4-Bromophenyl-phenylether	16.236	248	428644	20.676	ng/ul	98
69) Hexachlorobenzene	16.371	284	526420	20.887	ng/ul	98
70) Atrazine	16.501	200	458647	21.442	ng/ul	99
71) Pentachlorophenol	16.701	266	296009	20.447	ng/ul	99
72) Phenanthrene	17.083	178	2336765	21.558	ng/ul	99
74) Anthracene	17.171	178	2346276	21.597	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.113	216	679935	20.316	ng/uL	100
76) Pentachlorobenzene	14.642	250	673790	20.791	ng/uL	99
77) Carbazole	17.436	167	2087362	22.715	ng/ul	100
78) Di-n-butylphthalate	17.995	149	2366070	22.411	ng/ul	99
80) Fluoranthene	19.089	202	2587937	21.256	ng/ul	99
82) Pyrene	19.447	202	2659166	21.298	ng/ul	97
83) Butylbenzylphthalate	20.336	149	827022	23.035	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.118	252	696545	22.523	ng/ul	100
85) Benzo(a)anthracene	21.183	228	2279222	21.694	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.106	149	1203136	22.637	ng/ul	98
87) Chrysene	21.236	228	2250492	21.258	ng/ul	99
89) Di-n-octyl phthalate	21.959	149	1825738	21.849	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	2069455	21.307	ng/ul	99
91) Benzo(k)fluoranthene	22.765	252	2026513	22.016	ng/ul	99
93) Benzo(a)pyrene	23.271	252	1962045	21.394	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.518	276	1956193	20.928	ng/ul	100
95) Dibenzo(a,h)anthracene	25.524	278	1671229	21.558	ng/ul	99
96) Benzo(g,h,i)perylene	26.182	276	1693017	20.434	ng/ul	100

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

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