Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092121\
Data File : BM032123.D
Acq On : 21 Sep 2021 20:43
Operator : CG/JU
Sample : SSTD08029
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080029

Quant Time: Sep 22 01:54:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092121.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 22 01:45:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	145040	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	703987	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	472414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	1041949	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	1046276	20.000	ng/ul	0.00
88) Perylene-d12	23.380	264	1220704	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.981	96	107875	34.317	ng/uL	0.00
4) Pyridine-d5	3.405	84	931934	104.399	ng/ul	0.00
7) Phenol-d5	6.852	99	1128700	93.844	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	664712	95.521	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	811299	87.659	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	906127	87.813	ng/ul	0.01
21) Nitrobenzene-d5	8.828	128	371493	72.653	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	374468	61.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	868782	71.557	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	1247477	72.841	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	2676372	74.871	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	3279679	77.472	ng/ul	0.00
54) 4-Nitrophenol-d4	14.527	143	489491	75.652	ng/ul	0.01
60) Fluorene-d10	15.310	176	2170227	69.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	358708	50.103	ng/ul	0.01
73) Anthracene-d10	17.145	188	3439581	69.548	ng/ul	0.00
81) Pyrene-d10	19.427	212	3951190	80.626	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.250	264	4815593	75.061	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.016	88	119538	31.542	ng/uL	93
5) Pyridine	3.428	79	902691	98.362	ng/ul	85
6) Benzaldehyde	6.793	77	637970	117.171	ng/ul	94
8) Phenol	6.881	94	1141079	94.283	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.087	93	879970	95.464	ng/ul	95
12) 2-Chlorophenol	7.240	128	829522	89.755	ng/ul	97
13) 2-Methylphenol	8.134	108	878382	94.130	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.204	45	1155783	96.483	ng/ul#	94
16) Acetophenone	8.493	105	1353214	83.732	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.487	70	735952	93.341	ng/ul#	87
18) 4-Methylphenol	8.463	108	940732	90.783	ng/ul	95
19) Hexachloroethane	8.763	117	335978	84.863	ng/ul	93
22) Nitrobenzene	8.869	77	1012487	78.433	ng/ul	96
23) Isophorone	9.393	82	2218788	93.388	ng/ul	98
25) 2-Nitrophenol	9.587	139	428867	68.033	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	1088244	84.808	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.875	93	1272452	90.349	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	836662	72.449	ng/ul	97
30) Naphthalene	10.522	128	2727815	77.401	ng/ul	99
32) 4-Chloroaniline	10.622	127	1259254	73.710	ng/ul	100
33) Hexachlorobutadiene	10.828	225	520406	67.928	ng/ul	99
34) Caprolactam	11.363	113	354763	92.161	ng/ul	91
35) 4-Chloro-3-methylphenol	11.769	107	1041883	86.031	ng/ul	92
36) 2-Methylnaphthalene	12.134	142	1906100	68.596	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1933575	68.317	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.516	216	1005673	74.161	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	638023	87.412	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	694587	76.457	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	748631	75.883	ng/ul	100
43) 1,1'-Biphenyl	13.151	154	2560726	77.061	ng/ul	98
44) 2-Chloronaphthalene	13.192	162	1975057	75.023	ng/ul	95
45) 2-Nitroaniline	13.392	65	597665	82.402	ng/ul	96
47) Dimethylphthalate	13.775	163	2606711	74.266	ng/ul	100
48) 2,6-Dinitrotoluene	13.886	165	486580	70.269	ng/ul	96
50) Acenaphthylene	14.039	152	3269572	83.935	ng/ul	98
51) 3-Nitroaniline	14.216	138	511725	78.969	ng/ul#	90
52) Acenaphthene	14.386	153	2151597	76.053	ng/ul	100
53) 2,4-Dinitrophenol	14.416	184	227718	47.034	ng/ul	93
55) 4-Nitrophenol	14.539	109	449300	75.217	ng/ul	93
56) Dibenzofuran	14.722	168	3036499	72.780	ng/ul	93
57) 2,4-Dinitrotoluene	14.675	165	725766	69.881	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	634408	71.632	ng/ul#	94
59) Diethylphthalate	15.139	149	2701220	75.297	ng/ul	98
61) Fluorene	15.369	166	2370165	67.139	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	1182086	65.381	ng/ul	94
63) 4-Nitroaniline	15.386	138	505792	87.136	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.439	198	376901	54.141	ng/ul	94
67) N-Nitrosodiphenylamine	15.569	169	2182162	72.928	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	768291	71.954	ng/ul	94
69) Hexachlorobenzene	16.380	284	871716	70.316	ng/ul	97
70) Atrazine	16.516	200	909556	80.677	ng/ul	97
71) Pentachlorophenol	16.710	266	555043	68.466	ng/ul	96
72) Phenanthrene	17.092	178	4010477	70.473	ng/ul	99
74) Anthracene	17.180	178	4035217	69.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	1073790	79.194	ng/uL	99
76) Pentachlorobenzene	14.651	250	1059149	74.459	ng/uL	98
77) Carbazole	17.445	167	3855838	72.337	ng/ul	96
78) Di-n-butylphthalate	18.004	149	4661529	76.317	ng/ul	99
80) Fluoranthene	19.098	202	4892461	82.158	ng/ul	99
82) Pyrene	19.462	202	4878943	77.385	ng/ul	100
83) Butylbenzylphthalate	20.345	149	2193975	88.624	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.127	252	1808408	76.775	ng/ul	98
85) Benzo(a)anthracene	21.192	228	4942304	75.939	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.115	149	3063160	76.722	ng/ul	96
87) Chrysene	21.245	228	4707184	75.195	ng/ul	97
89) Di-n-octyl phthalate	21.968	149	5595323	67.187	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	5618684	72.244	ng/ul	99
91) Benzo(k)fluoranthene	22.780	252	5060974	67.217	ng/ul	99
93) Benzo(a)pyrene	23.297	252	5441890	77.485	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.562	276	6633474	73.799	ng/ul	97
95) Dibenzo(a,h)anthracene	25.562	278	5592132	73.974	ng/ul	98
96) Benzo(g,h,i)perylene	26.227	276	5748288	77.229	ng/ul	98

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

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