Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033355.D
Acq On : 09 Dec 2021 12:41
Operator : CG/JU
Sample : SSTD16016
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 09 13:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	46496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	204382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	142343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	313195	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	297763	20.000	ng/ul	0.00
88) Perylene-d12	23.765	264	281801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	61031	50.603	ng/uL	0.00
4) Pyridine-d5	3.778	84	599930	180.583	ng/ul	0.00
7) Phenol-d5	7.090	99	732641	186.284	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	464254	186.105	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	539797	181.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.636	113	574591	188.250	ng/ul	0.02
21) Nitrobenzene-d5	9.083	128	279526	190.492	ng/ul	0.01
24) 2-Nitrophenol-d4	9.795	143	318788	216.921	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.336	165	572219	170.030	ng/ul	0.00
31) 4-Chloroaniline-d4	10.854	131	784222	175.223	ng/ul	0.00
46) Dimethylphthalate-d6	13.954	166	1725892	165.304	ng/ul	0.01
49) Acenaphthylene-d8	14.236	160	2206878	164.072	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	345941	203.413	ng/ul	0.02
60) Fluorene-d10	15.530	176	1533153	163.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.660	200	342932	232.988	ng/ul	0.02
73) Anthracene-d10	17.383	188	2462965	163.140	ng/ul	0.01
81) Pyrene-d10	19.665	212	2820044	160.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.630	264	2485189	164.323	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	77683	63.439	ng/uL	97
5) Pyridine	3.801	79	614764	181.343	ng/ul	94
6) Benzaldehyde	7.060	77	176901	78.922	ng/ul	94
8) Phenol	7.119	94	738681	188.605	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.342	93	547900	176.107	ng/ul	99
12) 2-Chlorophenol	7.484	128	552080	179.560	ng/ul	97
13) 2-Methylphenol	8.360	108	550313	183.423	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.442	45	908464	189.063	ng/ul	99
16) Acetophenone	8.748	105	919371	190.833	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.748	70	520978	200.705	ng/ul	97
18) 4-Methylphenol	8.701	108	591388	188.032	ng/ul	94
19) Hexachloroethane	8.989	117	259870	185.533	ng/ul#	88
22) Nitrobenzene	9.125	77	781570	190.854	ng/ul	99
23) Isophorone	9.660	82	1381397	184.556	ng/ul	99
25) 2-Nitrophenol	9.830	139	320175	205.540	ng/ul	95
26) 2,4-Dimethylphenol	9.889	107	727245	177.689	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.125	93	759688	170.553	ng/ul	98
29) 2,4-Dichlorophenol	10.366	162	555279	170.155	ng/ul	96
30) Naphthalene	10.760	128	1816964	167.182	ng/ul	99
32) 4-Chloroaniline	10.877	127	777902	172.053	ng/ul	99
33) Hexachlorobutadiene	11.036	225	372211	146.424	ng/ul	98
34) Caprolactam	11.695	113	102254	108.989	ng/ul	96
35) 4-Chloro-3-methylphenol	12.007	107	674164	189.714	ng/ul	91

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.366	142	1262785	167.693 ng/ul	100
37) 1-Methylnaphthalene	12.589	142	1308597	170.232 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.730	216	676240	142.796 ng/ul	98
40) Hexachlorocyclopentadiene	12.707	237	479426	143.873 ng/ul	99
41) 2,4,6-Trichlorophenol	12.977	196	462667	165.886 ng/ul	97
42) 2,4,5-Trichlorophenol	13.054	196	499988	167.182 ng/ul	93
43) 1,1'-Biphenyl	13.377	154	1750966	157.878 ng/ul	99
44) 2-Chloronaphthalene	13.419	162	1346615	157.447 ng/ul	100
45) 2-Nitroaniline	13.636	65	545775	242.101 ng/ul	93
47) Dimethylphthalate	14.001	163	1694405	166.510 ng/ul	100
48) 2,6-Dinitrotoluene	14.130	165	373571	214.564 ng/ul	97
50) Acenaphthylene	14.265	152	2243201	164.345 ng/ul	99
51) 3-Nitroaniline	14.460	138	294579	167.922 ng/ul	95
52) Acenaphthene	14.607	153	1449078	162.745 ng/ul	97
53) 2,4-Dinitrophenol	14.660	184	248102	279.188 ng/ul	98
55) 4-Nitrophenol	14.783	109	350631	201.858 ng/ul	94
56) Dibenzofuran	14.942	168	2095315	160.559 ng/ul	99
57) 2,4-Dinitrotoluene	14.913	165	544380	227.348 ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.165	232	421363	172.609 ng/ul	99
59) Diethylphthalate	15.360	149	1805040	177.099 ng/ul	100
61) Fluorene	15.589	166	1713459	165.187 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.577	204	846581	156.369 ng/ul	99
63) 4-Nitroaniline	15.624	138	239142	138.636 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.671	198	330210	223.836 ng/ul#	96
67) N-Nitrosodiphenylamine	15.795	169	1471709	159.768 ng/ul	99
68) 4-Bromophenyl-phenylether	16.471	248	503682	144.617 ng/ul	99
69) Hexachlorobenzene	16.583	284	558618	140.004 ng/ul	97
70) Atrazine	16.748	200	577578	162.267 ng/ul	99
71) Pentachlorophenol	16.930	266	376365	163.183 ng/ul	95
72) Phenanthrene	17.324	178	2790691	160.860 ng/ul	99
74) Anthracene	17.418	178	2839140	163.191 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.336	216	701214	136.307 ng/uL	97
76) Pentachlorobenzene	14.854	250	698449	138.489 ng/uL	97
77) Carbazole	17.689	167	2579235	166.879 ng/ul	99
78) Di-n-butylphthalate	18.236	149	3185677	188.497 ng/ul	99
80) Fluoranthene	19.330	202	3322144	161.157 ng/ul	99
82) Pyrene	19.695	202	3328641	159.032 ng/ul	98
83) Butylbenzylphthalate	20.577	149	1473848	206.101 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.359	252	989613	147.522 ng/ul	97
85) Benzo(a)anthracene	21.430	228	3084127	160.139 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.342	149	2105747	207.745 ng/ul	99
87) Chrysene	21.483	228	2980469	158.472 ng/ul	98
89) Di-n-octyl phthalate	22.247	149	3600138	209.669 ng/ul	100
90) Benzo(b)fluoranthene	23.071	252	3196149	168.403 ng/ul	99
91) Benzo(k)fluoranthene	23.118	252	2797199	160.889 ng/ul	100
93) Benzo(a)pyrene	23.683	252	2975027	165.864 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.182	276	3190823	159.750 ng/ul#	95
95) Dibenzo(a,h)anthracene	26.182	278	2787321	163.114 ng/ul	99
96) Benzo(g,h,i)perylene	26.912	276	2738922	157.988 ng/ul	98

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

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