Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033354.D
Acq On : 09 Dec 2021 12:05
Operator : CG/JU
Sample : SSTD08015
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 09 13:14:59 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	38651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	176700	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	128917	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	281594	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	284740	20.000	ng/ul	0.00
88) Perylene-d12	23.765	264	267067	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	30073	29.996	ng/uL	0.00
4) Pyridine-d5	3.778	84	297561	107.747	ng/ul	0.00
7) Phenol-d5	7.084	99	370058	113.190	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	231016	111.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.449	132	270183	109.110	ng/ul	0.00
15) 4-Methylphenol-d8	8.625	113	291348	114.827	ng/ul	0.00
21) Nitrobenzene-d5	9.078	128	143694	113.266	ng/ul	0.00
24) 2-Nitrophenol-d4	9.795	143	160043	125.963	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.337	165	291939	100.337	ng/ul	0.00
31) 4-Chloroaniline-d4	10.848	131	407359	105.277	ng/ul	0.00
46) Dimethylphthalate-d6	13.948	166	929513	98.300	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	1172643	96.261	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	182263	118.332	ng/ul	0.00
60) Fluorene-d10	15.530	176	825352	97.300	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	177134	133.850	ng/ul	0.01
73) Anthracene-d10	17.377	188	1346304	99.183	ng/ul	0.00
81) Pyrene-d10	19.659	212	1581687	93.999	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.618	264	1434029	100.051	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	39537	38.841	ng/uL	92
5) Pyridine	3.802	79	307888	109.254	ng/ul	92
6) Benzaldehyde	7.054	77	154205	82.760	ng/ul	98
8) Phenol	7.113	94	374507	115.030	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.337	93	276741	107.005	ng/ul	99
12) 2-Chlorophenol	7.478	128	277837	108.706	ng/ul	99
13) 2-Methylphenol	8.354	108	274841	110.200	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.437	45	472762	118.357	ng/ul	99
16) Acetophenone	8.743	105	475216	118.661	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.731	70	270492	125.357	ng/ul	99
18) 4-Methylphenol	8.690	108	301044	115.145	ng/ul	99
19) Hexachloroethane	8.990	117	130049	111.693	ng/ul#	89
22) Nitrobenzene	9.119	77	406231	114.739	ng/ul	99
23) Isophorone	9.648	82	722356	111.627	ng/ul	99
25) 2-Nitrophenol	9.825	139	165459	122.859	ng/ul	95
26) 2,4-Dimethylphenol	9.884	107	378796	107.051	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.119	93	394668	102.485	ng/ul	100
29) 2,4-Dichlorophenol	10.360	162	282836	100.248	ng/ul	93
30) Naphthalene	10.760	128	936563	99.675	ng/ul	98
32) 4-Chloroaniline	10.872	127	409346	104.721	ng/ul	99
33) Hexachlorobutadiene	11.031	225	193614	88.098	ng/ul	97
34) Caprolactam	11.672	113	55410	68.312	ng/ul	92
35) 4-Chloro-3-methylphenol	11.995	107	352823	114.841	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.366	142	659280	101.265	ng/ul	99
37) 1-Methylnaphthalene	12.583	142	681275	102.509	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.731	216	356242	83.059	ng/ul	97
40) Hexachlorocyclopentadiene	12.701	237	242215	80.257	ng/ul	99
41) 2,4,6-Trichlorophenol	12.972	196	236797	93.744	ng/ul	98
42) 2,4,5-Trichlorophenol	13.048	196	256901	94.846	ng/ul	95
43) 1,1'-Biphenyl	13.372	154	916026	91.197	ng/ul	99
44) 2-Chloronaphthalene	13.419	162	703323	90.797	ng/ul	100
45) 2-Nitroaniline	13.625	65	288256	141.185	ng/ul	98
47) Dimethylphthalate	13.995	163	911753	98.930	ng/ul	99
48) 2,6-Dinitrotoluene	14.119	165	196854	124.840	ng/ul	96
50) Acenaphthylene	14.260	152	1189838	96.250	ng/ul	99
51) 3-Nitroaniline	14.454	138	175845	110.678	ng/ul	96
52) Acenaphthene	14.601	153	772588	95.805	ng/ul	98
53) 2,4-Dinitrophenol	14.654	184	122628	152.364	ng/ul	98
55) 4-Nitrophenol	14.772	109	190129	120.857	ng/ul	96
56) Dibenzofuran	14.936	168	1124928	95.178	ng/ul	98
57) 2,4-Dinitrotoluene	14.907	165	291985	134.640	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.160	232	223042	100.883	ng/ul#	96
59) Diethylphthalate	15.354	149	972857	105.391	ng/ul	100
61) Fluorene	15.583	166	934430	99.466	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.577	204	457665	93.337	ng/ul	96
63) 4-Nitroaniline	15.619	138	166353	106.482	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.666	198	175398	132.238	ng/ul#	99
67) N-Nitrosodiphenylamine	15.789	169	801256	96.745	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	274005	87.501	ng/ul	97
69) Hexachlorobenzene	16.577	284	307628	85.752	ng/ul	98
70) Atrazine	16.742	200	322194	100.677	ng/ul	99
71) Pentachlorophenol	16.924	266	196177	94.603	ng/ul	97
72) Phenanthrene	17.318	178	1528447	97.989	ng/ul	99
74) Anthracene	17.413	178	1572274	100.514	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.336	216	370669	80.139	ng/uL	98
76) Pentachlorobenzene	14.854	250	371055	81.830	ng/uL	98
77) Carbazole	17.683	167	1421066	102.263	ng/ul	99
78) Di-n-butylphthalate	18.236	149	1741771	114.627	ng/ul	99
80) Fluoranthene	19.324	202	1847588	93.726	ng/ul	99
82) Pyrene	19.689	202	1885305	94.194	ng/ul	99
83) Butylbenzylphthalate	20.577	149	833705	121.916	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.359	252	609013	94.938	ng/ul	98
85) Benzo(a)anthracene	21.424	228	1790043	97.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	1191291	122.903	ng/ul	100
87) Chrysene	21.477	228	1717123	95.476	ng/ul	99
89) Di-n-octyl phthalate	22.242	149	2015016	123.827	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	1850114	102.860	ng/ul	98
91) Benzo(k)fluoranthene	23.112	252	1616346	98.098	ng/ul	99
93) Benzo(a)pyrene	23.671	252	1715167	100.900	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.153	276	1837960	97.095	ng/ul	98
95) Dibenzo(a,h)anthracene	26.165	278	1595898	98.544	ng/ul	99
96) Benzo(g,h,i)perylene	26.883	276	1566875	95.368	ng/ul	99

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

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