Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029747.D
Acq On : 01 May 2021 14:36
Operator : CG/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080013

Quant Time: May 01 15:07:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	43300	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	160387	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	117045	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	265461	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	324095	20.00	ng/ul	0.00
88) Perylene-d12	23.33	264	346395	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	32842	29.81	ng/uL	0.00
4) Pyridine-d5	3.49	84	195528	67.91	ng/ul	-0.01
7) Phenol-d5	6.77	99	271049	79.26	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	136687	69.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	249281	93.66	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	229743	86.56	ng/ul	0.01
21) Nitrobenzene-d5	8.73	128	116031	113.74	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	149837	154.07	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	303494	119.10	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	323211	89.65	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	848316	96.10	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	1060617	101.63	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	130522	90.79	ng/ul	0.00
60) Fluorene-d10	15.23	176	745309	98.11	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	186406	148.95	ng/ul	0.00
73) Anthracene-d10	17.07	188	1223431	96.51	ng/ul	0.00
81) Pyrene-d10	19.37	212	1507419	99.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	1789042	97.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	33394	30.197	ng/uL	94
5) Pyridine	3.50	79	199963	67.600	ng/ul	94
6) Benzaldehyde	6.73	77	159333	86.827	ng/ul	97
8) Phenol	6.79	94	267814	74.518	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.02	93	203355	76.575	ng/ul	97
12) 2-Chlorophenol	7.15	128	246970	86.976	ng/ul	99
13) 2-Methylphenol	8.03	108	212859	80.293	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.11	45	187531	53.877	ng/ul	98
16) Acetophenone	8.40	105	348073	80.241	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.40	70	169096	81.952	ng/ul	97
18) 4-Methylphenol	8.37	108	231924	82.392	ng/ul	92
19) Hexachloroethane	8.65	117	104240	85.710	ng/ul	95
22) Nitrobenzene	8.78	77	246502	82.878	ng/ul	97
23) Isophorone	9.31	82	463492	87.222	ng/ul	100
25) 2-Nitrophenol	9.48	139	150410	134.240	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	260776	85.642	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	271502	85.527	ng/ul	98
29) 2,4-Dichlorophenol	10.02	162	287511	111.470	ng/ul	95
30) Naphthalene	10.40	128	763482	87.869	ng/ul	99
32) 4-Chloroaniline	10.53	127	324038	88.373	ng/ul	98
33) Hexachlorobutadiene	10.69	225	225145	121.560	ng/ul	99
34) Caprolactam	11.32	113	37987	57.946	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.67	107	236816	94.515 ng/ul	97
36) 2-Methylnaphthalene	12.03	142	591305	96.331 ng/ul	97
37) 1-Methylnaphthalene	12.25	142	581793	95.999 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	426648	105.496 ng/ul	100
40) Hexachlorocyclopentadiene	12.38	237	236606	89.065 ng/ul	93
41) 2,4,6-Trichlorophenol	12.66	196	261136	117.429 ng/ul	94
42) 2,4,5-Trichlorophenol	12.73	196	274375	115.865 ng/ul	97
43) 1,1'-Biphenyl	13.06	154	807388	84.733 ng/ul	99
44) 2-Chloronaphthalene	13.10	162	653660	86.896 ng/ul	99
45) 2-Nitroaniline	13.31	65	142323	88.191 ng/ul	97
47) Dimethylphthalate	13.70	163	821557	90.929 ng/ul	100
48) 2,6-Dinitrotoluene	13.82	165	179923	127.955 ng/ul	93
50) Acenaphthylene	13.95	152	974344	90.279 ng/ul	99
51) 3-Nitroaniline	14.15	138	161954	104.150 ng/ul	92
52) Acenaphthene	14.29	153	675527	84.290 ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	114726	152.046 ng/ul#	92
55) 4-Nitrophenol	14.47	109	92888	67.911 ng/ul	89
56) Dibenzofuran	14.63	168	1016028	91.226 ng/ul	99
57) 2,4-Dinitrotoluene	14.61	165	256104	127.637 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.86	232	260877	137.476 ng/ul	97
59) Diethylphthalate	15.07	149	774729	87.091 ng/ul	98
61) Fluorene	15.28	166	850199	91.237 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.28	204	483471	103.364 ng/ul	95
63) 4-Nitroaniline	15.32	138	155649	95.913 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.38	198	177239	134.642 ng/ul#	98
67) N-Nitrosodiphenylamine	15.50	169	745913	87.962 ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	299012	105.851 ng/ul	96
69) Hexachlorobenzene	16.29	284	341593	108.552 ng/ul	97
70) Atrazine	16.46	200	306026	94.203 ng/ul	100
71) Pentachlorophenol	16.63	266	199526	111.658 ng/ul	98
72) Phenanthrene	17.02	178	1364224	87.048 ng/ul	100
74) Anthracene	17.11	178	1430156	88.807 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	447896	104.477 ng/uL	97
76) Pentachlorobenzene	14.55	250	415828	99.352 ng/uL	98
77) Carbazole	17.39	167	1228071	82.851 ng/ul	99
78) Di-n-butylphthalate	17.95	149	1349920	88.170 ng/ul	100
80) Fluoranthene	19.03	202	1777251	91.455 ng/ul	99
82) Pyrene	19.40	202	1856553	91.143 ng/ul	100
83) Butylbenzylphthalate	20.30	149	641081	89.562 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.08	252	755842	112.617 ng/ul	99
85) Benzo(a)anthracene	21.14	228	1893038	90.541 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.09	149	970222	82.489 ng/ul	97
87) Chrysene	21.20	228	1881593	92.046 ng/ul	100
89) Di-n-octyl phthalate	21.94	149	1703123	77.076 ng/ul	100
90) Benzo(b)fluoranthene	22.68	252	2035940	90.944 ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	2014728	90.070 ng/ul	99
93) Benzo(a)pyrene	23.24	252	1843510	90.877 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.51	276	2468045	90.476 ng/ul	99
95) Dibenzo(a,h)anthracene	25.52	278	2071590	90.007 ng/ul	99
96) Benzo(g,h,i)perylene	26.17	276	2013769	90.008 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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