Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050721\
Data File : BM029874.D
Acq On : 07 May 2021 13:12
Operator : CG/JU
Sample : SSTD16016
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160016

Quant Time: May 07 13:42:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 12:05:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	152779	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	711511	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	462973	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	935594	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	935744	20.00	ng/ul	0.01
88) Perylene-d12	23.30	264	733015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	242127	63.12	ng/uL	0.00
4) Pyridine-d5	3.46	84	1801241	185.27	ng/ul	-0.02
7) Phenol-d5	6.76	99	2513138	178.34	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	6.91	67	1429880	169.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	1996500	182.40	ng/ul	0.01
15) 4-Methylphenol-d8	8.29	113	2027639	174.14	ng/ul	0.02
21) Nitrobenzene-d5	8.73	128	954831	213.24	ng/ul	0.02
24) 2-Nitrophenol-d4	9.44	143	1107665	218.35	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.97	165	2061235	181.45	ng/ul	0.01
31) 4-Chloroaniline-d4	10.49	131	2889381	173.77	ng/ul	0.01
46) Dimethylphthalate-d6	13.64	166	5797430	166.45	ng/ul	0.02
49) Acenaphthylene-d8	13.91	160	7547156	166.96	ng/ul	0.02
54) 4-Nitrophenol-d4	14.47	143	1103427	205.29	ng/ul	0.03
60) Fluorene-d10	15.22	176	4964593	167.00	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.36	200	1151377	202.27	ng/ul	0.02
73) Anthracene-d10	17.06	188	7670487	162.61	ng/ul	0.01
81) Pyrene-d10	19.36	212	8441298	156.21	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.18	264	7057723	169.33	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	257977	62.876	ng/uL	96
5) Pyridine	3.48	79	1828311	184.395	ng/ul	92
6) Benzaldehyde	6.71	77	677283	92.518	ng/ul	98
8) Phenol	6.79	94	2514304	175.213	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.00	93	1880509	166.705	ng/ul	97
12) 2-Chlorophenol	7.13	128	2027081	181.794	ng/ul	98
13) 2-Methylphenol	8.02	108	1910433	174.206	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.10	45	2675599	166.324	ng/ul	100
16) Acetophenone	8.40	105	3152491	170.476	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.42	70	1689112	187.790	ng/ul	96
18) 4-Methylphenol	8.37	108	2091924	173.867	ng/ul	99
19) Hexachloroethane	8.62	117	805943	175.514	ng/ul	99
22) Nitrobenzene	8.77	77	2319325	194.023	ng/ul	98
23) Isophorone	9.31	82	4508119	170.809	ng/ul	99
25) 2-Nitrophenol	9.47	139	1173043	204.663	ng/ul	97
26) 2,4-Dimethylphenol	9.54	107	2315024	175.281	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.77	93	2663452	171.261	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	1990148	184.346	ng/ul	99
30) Naphthalene	10.39	128	6327986	160.854	ng/ul	98
32) 4-Chloroaniline	10.52	127	3007949	175.620	ng/ul	99
33) Hexachlorobutadiene	10.67	225	1195281	162.198	ng/ul	98
34) Caprolactam	11.36	113	352871	95.536	ng/ul	96

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35) 4-Chloro-3-methylphenol	11.67	107	2139517	181.023	ng/ul	99
36) 2-Methylnaphthalene	12.01	142	4726320	166.724	ng/ul	99
37) 1-Methylnaphthalene	12.23	142	4617885	164.187	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	2475092	170.410	ng/ul	99
40) Hexachlorocyclopentadiene	12.36	237	1516472	211.501	ng/ul	98
41) 2,4,6-Trichlorophenol	12.64	196	1609120	181.329	ng/ul	99
42) 2,4,5-Trichlorophenol	12.72	196	1742012	185.519	ng/ul	98
43) 1,1'-Biphenyl	13.04	154	5944345	165.541	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	4621664	167.282	ng/ul	98
45) 2-Nitroaniline	13.31	65	1492685	254.172	ng/ul	94
47) Dimethylphthalate	13.69	163	5703109	162.645	ng/ul	98
48) 2,6-Dinitrotoluene	13.82	165	1298008	237.244	ng/ul	90
50) Acenaphthylene	13.94	152	7228441	164.906	ng/ul	99
51) 3-Nitroaniline	14.14	138	1208151	179.970	ng/ul	94
52) Acenaphthene	14.28	153	5082524	164.878	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	816142	211.296	ng/ul	96
55) 4-Nitrophenol	14.49	109	817997	202.506	ng/ul	93
56) Dibenzofuran	14.62	168	6936400	164.740	ng/ul	97
57) 2,4-Dinitrotoluene	14.61	165	1872628	222.608	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.85	232	1592436	184.784	ng/ul	97
59) Diethylphthalate	15.06	149	5972242	169.263	ng/ul	97
61) Fluorene	15.27	166	5981697	168.583	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	3014891	171.532	ng/ul	96
63) 4-Nitroaniline	15.33	138	958389	148.327	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.38	198	1119275	196.909	ng/ul#	94
67) N-Nitrosodiphenylamine	15.49	169	5144764	166.772	ng/ul	98
68) 4-Bromophenyl-phenylether	16.16	248	1850300	172.378	ng/ul	99
69) Hexachlorobenzene	16.27	284	2106561	167.552	ng/ul	98
70) Atrazine	16.46	200	1846100	170.844	ng/ul	99
71) Pentachlorophenol	16.62	266	1324862	187.618	ng/ul	100
72) Phenanthrene	17.00	178	8743842	158.894	ng/ul	96
74) Anthracene	17.10	178	9032457	160.787	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	2583529	163.861	ng/uL	99
76) Pentachlorobenzene	14.54	250	2440438	165.538	ng/uL	100
77) Carbazole	17.37	167	8240540	163.664	ng/ul	98
78) Di-n-butylphthalate	17.94	149	9826906	172.645	ng/ul	97
80) Fluoranthene	19.02	202	9842279	148.756	ng/ul#	93
82) Pyrene	19.39	202	9995532	144.113	ng/ul#	95
83) Butylbenzylphthalate	20.30	149	4546874	228.521	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.07	252	2844778	147.490	ng/ul	98
85) Benzo(a)anthracene	21.13	228	9135232	149.643	ng/ul	93
86) Bis(2-ethylhexyl)phthalate	21.07	149	6854912	209.767	ng/ul	94
87) Chrysene	21.19	228	8743956	142.688	ng/ul	93
89) Di-n-octyl phthalate	21.93	149	10255466	196.917	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	8698062	177.750	ng/ul	98
91) Benzo(k)fluoranthene	22.71	252	7966079	156.189	ng/ul	98
93) Benzo(a)pyrene	23.23	252	7210706	165.781	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.49	276	8477220	168.917	ng/ul	96
95) Dibenzo(a,h)anthracene	25.49	278	7150039	170.402	ng/ul	98
96) Benzo(g,h,i)perylene	26.14	276	6728036	163.163	ng/ul	98

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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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