Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM120320\
Data File : BM028018.D
Acq On : 03 Dec 2020 14:28
Operator : JU/CG
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160002

Quant Time: Dec 03 15:00:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 13:12:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	189953	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	767291	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.92	164	428592	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	854235	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	801015	20.00	ng/ul	0.01
88) Perylene-d12	24.15	264	867733	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	315144	58.46	ng/uL	0.00
4) Pyridine-d5	3.93	84	2223652	138.13	ng/ul	0.00
7) Phenol-d5	7.44	99	2584294	150.44	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	7.61	67	1544864	130.29	ng/ul	0.01
11) 2-Chlorophenol-d4	7.82	132	2195394	175.49	ng/ul	0.01
15) 4-Methylphenol-d8	9.02	113	2054685	156.99	ng/ul	0.02
21) Nitrobenzene-d5	9.48	128	1049037	133.27	ng/ul	0.01
24) 2-Nitrophenol-d4	10.21	143	1142741	162.19	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.75	165	2019866	144.06	ng/ul	0.02
31) 4-Chloroaniline-d4	11.26	131	2767224	167.28	ng/ul	0.01
46) Dimethylphthalate-d6	14.32	166	5109766	152.47	ng/ul	0.01
49) Acenaphthylene-d8	14.62	160	6441999	154.62	ng/ul	0.01
54) 4-Nitrophenol-d4	15.10	143	1065848	175.98	ng/ul	0.03
60) Fluorene-d10	15.90	176	4361973	146.39	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	16.02	200	937628	165.85	ng/ul	0.02
73) Anthracene-d10	17.74	188	6386653	155.62	ng/ul	0.01
81) Pyrene-d10	19.99	212	6623321	139.23	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.01	264	7198061	153.57	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	325922	55.699	ng/uL	92
5) Pyridine	3.95	79	2204981	138.084	ng/ul	99
6) Benzaldehyde	7.42	77	678084	82.242	ng/ul	99
8) Phenol	7.47	94	2604303	147.516	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.71	93	2099894	143.735	ng/ul	100
12) 2-Chlorophenol	7.86	128	2222305	172.706	ng/ul	98
13) 2-Methylphenol	8.74	108	1967509	153.602	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.83	45	3315930	130.531	ng/ul	99
16) Acetophenone	9.14	105	2963440	136.453	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.15	70	1479241	125.751	ng/ul	96
18) 4-Methylphenol	9.09	108	2116014	155.769	ng/ul	94
19) Hexachloroethane	9.40	117	945257	141.805	ng/ul	97
22) Nitrobenzene	9.53	77	2373033	92.547	ng/ul	96
23) Isophorone	10.06	82	4212721	123.353	ng/ul	100
25) 2-Nitrophenol	10.25	139	1217400	160.517	ng/ul	95
26) 2,4-Dimethylphenol	10.29	107	2232723	123.992	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.53	93	2704195	127.130	ng/ul	99
29) 2,4-Dichlorophenol	10.77	162	1932900	141.397	ng/ul	99
30) Naphthalene	11.19	128	6638498	157.944	ng/ul	99
32) 4-Chloroaniline	11.29	127	2659963	162.452	ng/ul	99
33) Hexachlorobutadiene	11.46	225	1213264	116.021	ng/ul	99
34) Caprolactam	12.10	113	362512	90.156	ng/ul	99

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35) 4-Chloro-3-methylphenol	12.40	107	2018433	124.251	ng/ul	99
36) 2-Methylnaphthalene	12.77	142	4457378	120.683	ng/ul	99
37) 1-Methylnaphthalene	12.99	142	4291201	120.845	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	2185980	142.685	ng/ul	98
40) Hexachlorocyclopentadiene	13.11	237	1422253	149.365	ng/ul	99
41) 2,4,6-Trichlorophenol	13.36	196	1460224	156.560	ng/ul	97
42) 2,4,5-Trichlorophenol	13.44	196	1559570	154.969	ng/ul	99
43) 1,1'-Biphenyl	13.76	154	5475519	153.796	ng/ul	98
44) 2-Chloronaphthalene	13.81	162	4367992	150.729	ng/ul	98
45) 2-Nitroaniline	14.00	65	1321402	128.258	ng/ul	97
47) Dimethylphthalate	14.37	163	5158911	148.672	ng/ul	99
48) 2,6-Dinitrotoluene	14.50	165	1187785	175.633	ng/ul	91
50) Acenaphthylene	14.65	152	6507574	158.350	ng/ul	98
51) 3-Nitroaniline	14.82	138	965931	155.246	ng/ul	97
52) Acenaphthene	14.99	153	4593441	156.359	ng/ul	99
53) 2,4-Dinitrophenol	15.02	184	731529	181.100	ng/ul	88
55) 4-Nitrophenol	15.12	109	742863	108.000	ng/ul	93
56) Dibenzofuran	15.32	168	6138646	149.648	ng/ul	97
57) 2,4-Dinitrotoluene	15.27	165	1650749	174.905	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	1309970	160.177	ng/ul	98
59) Diethylphthalate	15.72	149	5257035	147.572	ng/ul	99
61) Fluorene	15.96	166	5011279	148.420	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.94	204	2441574	140.030	ng/ul	98
63) 4-Nitroaniline	15.98	138	801155	142.262	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.03	198	991839	164.349	ng/ul#	97
67) N-Nitrosodiphenylamine	16.15	169	4306517	150.515	ng/ul	99
68) 4-Bromophenyl-phenylether	16.83	248	1533259	148.441	ng/ul	97
69) Hexachlorobenzene	16.95	284	1699531	146.246	ng/ul	98
70) Atrazine	17.09	200	1555436	144.116	ng/ul	99
71) Pentachlorophenol	17.29	266	1109452	162.300	ng/ul	100
72) Phenanthrene	17.68	178	7592128	153.343	ng/ul	96
74) Anthracene	17.77	178	7680832	152.241	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.73	216	2138151	138.083	ng/uL	99
76) Pentachlorobenzene	15.23	250	2064640	142.444	ng/uL	100
77) Carbazole	18.03	167	6938942	162.754	ng/ul	97
78) Di-n-butylphthalate	18.56	149	8344465	159.461	ng/ul	97
80) Fluoranthene	19.66	202	8303679	137.062	ng/ul	97
82) Pyrene	20.02	202	8249456	132.921	ng/ul#	94
83) Butylbenzylphthalate	20.87	149	3942986	155.126	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.65	252	2673153	146.765	ng/ul	98
85) Benzo(a)anthracene	21.73	228	7876561	141.450	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.62	149	5598498	155.029	ng/ul	95
87) Chrysene	21.79	228	7493440	138.368	ng/ul	95
89) Di-n-octyl phthalate	22.55	149	9281968	141.241	ng/ul	100
90) Benzo(b)fluoranthene	23.43	252	8679098	142.979	ng/ul	97
91) Benzo(k)fluoranthene	23.48	252	8012596	137.572	ng/ul	97
93) Benzo(a)pyrene	24.06	252	7856401	144.347	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.67	276	9739948	158.571	ng/ul	97
95) Dibenzo(a,h)anthracene	26.68	278	7984109	154.121	ng/ul	99
96) Benzo(g,h,i)perylene	27.44	276	8455278	163.300	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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