Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040721\
Data File : BM029368.D
Acq On : 07 Apr 2021 12:40
Operator : CG/JU
Sample : SSTD16003
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16003

Quant Time: Apr 07 13:10:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 11:34:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	96298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	384926	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	230504	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	462292	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	510719	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	480463	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	152831	71.47	ng/uL	0.00
5) Phenol-d5	6.87	99	1323198	190.21	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.04	67	820621	207.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	1056551	169.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1015258	181.34	ng/ul	0.01
19) Nitrobenzene-d5	8.85	128	476193	172.00	ng/ul	0.01
22) 2-Nitrophenol-d4	9.57	143	546275	176.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1013742	176.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	836229	128.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2729850	172.28	ng/ul	0.01
47) Acenaphthylene-d8	14.03	160	3632042	170.86	ng/ul	0.01
52) 4-Nitrophenol-d4	14.56	143	539651	195.74	ng/ul	0.04
58) Fluorene-d10	15.33	176	2333047	168.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	508019	184.28	ng/ul	0.02
71) Anthracene-d10	17.17	188	3657130	174.03	ng/ul	0.01
79) Pyrene-d10	19.47	212	4065625	161.99	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.33	264	4305068	176.39	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	161620	74.984	ng/uL	93
4) Benzaldehyde	6.84	77	330216	95.476	ng/ul	97
6) Phenol	6.90	94	1402157	194.123	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	1040990	185.975	ng/ul	100
10) 2-Chlorophenol	7.26	128	1107886	174.215	ng/ul	97
11) 2-Methylphenol	8.14	108	1007978	184.899	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1493973	172.628	ng/ul	98
14) Acetophenone	8.52	105	1655011	181.512	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	921858	228.487	ng/ul	98
16) 4-Methylphenol	8.48	108	1084676	187.027	ng/ul	100
17) Hexachloroethane	8.77	117	487917	179.471	ng/ul	97
20) Nitrobenzene	8.90	77	1359682	209.159	ng/ul	98
21) Isophorone	9.43	82	2340824	213.288	ng/ul	99
23) 2-Nitrophenol	9.60	139	599258	172.131	ng/ul	94
24) 2,4-Dimethylphenol	9.67	107	1225606	182.993	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.90	93	1358075	189.154	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	1001470	174.692	ng/ul	99
28) Naphthalene	10.53	128	3270266	166.529	ng/ul	99
30) 4-Chloroaniline	10.64	127	871541	131.717	ng/ul	98
31) Hexachlorobutadiene	10.82	225	599434	160.347	ng/ul	98
32) Caprolactam	11.46	113	182260	118.841	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	1077349	186.469	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	2329765	173.582	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	2237734	173.194 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	1130905	157.509 ng/ul	97
38) Hexachlorocyclopentadiene	12.50	237	762487	274.750 ng/ul	99
39) 2,4,6-Trichlorophenol	12.76	196	756089	166.644 ng/ul	98
40) 2,4,5-Trichlorophenol	12.83	196	821106	169.753 ng/ul	99
41) 1,1'-Biphenyl	13.17	154	2960209	164.731 ng/ul	97
42) 2-Chloronaphthalene	13.20	162	2285157	161.271 ng/ul	99
43) 2-Nitroaniline	13.42	65	809267	220.517 ng/ul	96
45) Dimethylphthalate	13.80	163	2803615	169.623 ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	604350	185.660 ng/ul	94
48) Acenaphthylene	14.06	152	3432022	170.117 ng/ul	99
49) 3-Nitroaniline	14.24	138	512791	161.912 ng/ul	98
50) Acenaphthene	14.40	153	2498968	171.133 ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	389702	213.362 ng/ul	98
53) 4-Nitrophenol	14.57	109	517252	211.367 ng/ul	95
54) Dibenzofuran	14.73	168	3366617	166.518 ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	855046	180.921 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	673289	179.851 ng/ul	92
57) Diethylphthalate	15.17	149	2978206	178.227 ng/ul	99
59) Fluorene	15.39	166	3103712	187.214 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.38	204	1496543	182.881 ng/ul	95
61) 4-Nitroaniline	15.43	138	652655	200.012 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	513340	183.528 ng/ul#	92
65) N-Nitrosodiphenylamine	15.60	169	2478635	174.530 ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	780200	165.820 ng/ul	96
67) Hexachlorobenzene	16.39	284	852578	161.344 ng/ul	91
68) Atrazine	16.56	200	900731	180.255 ng/ul	97
69) Pentachlorophenol	16.73	266	556606	196.157 ng/ul	96
70) Phenanthrene	17.12	178	4416107	174.272 ng/ul	99
72) Anthracene	17.21	178	4650736	178.089 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	1095000	150.962 ng/uL	99
74) Pentachlorobenzene	14.66	250	1019970	152.669 ng/uL	97
75) Carbazole	17.48	167	4119955	178.611 ng/ul	99
76) Di-n-butylphthalate	18.04	149	5285167	190.597 ng/ul	98
77) Fluoranthene	19.13	202	5140139	186.038 ng/ul	98
80) Pyrene	19.50	202	5428394	162.254 ng/ul	98
81) Butylbenzylphthalate	20.40	149	2580328	177.871 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	1867972	181.360 ng/ul#	97
83) Benzo(a)anthracene	21.24	228	5255168	164.651 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	4293381	198.117 ng/ul#	94
85) Chrysene	21.29	228	5131141	165.717 ng/ul	96
87) Di-n-octyl phthalate	22.04	149	6701509	183.760 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	5267462	168.718 ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	5256218	180.410 ng/ul	98
91) Benzo(a)pyrene	23.38	252	4748959	175.125 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.73	276	6234325	181.864 ng/ul	94
93) Dibenzo(a,h)anthracene	25.73	278	5359344	183.172 ng/ul	98
94) Benzo(g,h,i)perylene	26.41	276	4829124	168.651 ng/ul	100

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

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