Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121520\
Data File : BM028126.D
Acq On : 15 Dec 2020 14:10
Operator : JU/CG
Sample : SSTD16004
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16004

Quant Time: Dec 15 14:41:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 12:58:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	154355	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	627346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	346937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	616425	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	507166	20.00	ng/ul	0.01
86) Perylene-d12	24.04	264	514472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	243315	60.23	ng/uL	0.00
5) Phenol-d5	7.37	99	2101083	144.11	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.54	67	1290678	142.77	ng/ul	0.01
9) 2-Chlorophenol-d4	7.75	132	1805839	165.82	ng/ul	0.01
13) 4-Methylphenol-d8	8.94	113	1692073	148.69	ng/ul	0.02
19) Nitrobenzene-d5	9.41	128	858461	162.04	ng/ul	0.02
22) 2-Nitrophenol-d4	10.13	143	940645	169.75	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.67	165	1669669	149.21	ng/ul	0.01
29) 4-Chloroaniline-d4	11.18	131	1704611	142.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	4034866	146.61	ng/ul	0.01
47) Acenaphthylene-d8	14.55	160	5364717	154.73	ng/ul	0.01
52) 4-Nitrophenol-d4	15.04	143	774690	158.52	ng/ul	0.03
58) Fluorene-d10	15.83	176	3509345	144.08	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.95	200	676433	180.54	ng/ul	0.02
71) Anthracene-d10	17.67	188	4768557	153.33	ng/ul	0.01
79) Pyrene-d10	19.92	212	4530060	143.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.90	264	4498752	155.77	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	246011	56.191	ng/uL	95
4) Benzaldehyde	7.34	77	818953	93.822	ng/ul	99
6) Phenol	7.40	94	2090995	142.516	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.64	93	1700706	148.050	ng/ul	95
10) 2-Chlorophenol	7.78	128	1803330	165.869	ng/ul	99
11) 2-Methylphenol	8.66	108	1592566	146.595	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.76	45	2805380	158.784	ng/ul	99
14) Acetophenone	9.06	105	2458866	136.394	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.07	70	1232243	130.158	ng/ul	95
16) 4-Methylphenol	9.02	108	1698502	146.901	ng/ul	98
17) Hexachloroethane	9.32	117	785039	153.131	ng/ul	98
20) Nitrobenzene	9.45	77	1957963	124.815	ng/ul	97
21) Isophorone	9.99	82	3427089	132.115	ng/ul	99
23) 2-Nitrophenol	10.16	139	977589	167.156	ng/ul	99
24) 2,4-Dimethylphenol	10.21	107	1853152	132.011	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.45	93	2222682	145.206	ng/ul	98
27) 2,4-Dichlorophenol	10.70	162	1594530	151.317	ng/ul	99
28) Naphthalene	11.10	128	5498208	155.663	ng/ul	99
30) 4-Chloroaniline	11.21	127	1631377	142.348	ng/ul	99
31) Hexachlorobutadiene	11.38	225	1023527	129.254	ng/ul	100
32) Caprolactam	12.03	113	271338	86.130	ng/ul	94
33) 4-Chloro-3-methylphenol	12.32	107	1628281	134.050	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	3692744	153.178	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.92	142	4264700	151.592 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.06	216	1815034	143.013 ng/ul	97
38) Hexachlorocyclopentadiene	13.03	237	1226979	144.105 ng/ul	99
39) 2,4,6-Trichlorophenol	13.29	196	1186506	151.865 ng/ul	96
40) 2,4,5-Trichlorophenol	13.36	196	1249654	147.847 ng/ul	99
41) 1,1'-Biphenyl	13.69	154	4567879	156.322 ng/ul	98
42) 2-Chloronaphthalene	13.74	162	3605542	152.765 ng/ul	99
43) 2-Nitroaniline	13.93	65	1052884	134.108 ng/ul	98
45) Dimethylphthalate	14.30	163	4035390	143.604 ng/ul	100
46) 2,6-Dinitrotoluene	14.43	165	909157	170.079 ng/ul	97
48) Acenaphthylene	14.58	152	5311706	157.844 ng/ul	99
49) 3-Nitroaniline	14.75	138	728483	152.951 ng/ul	91
50) Acenaphthene	14.92	153	3737959	156.139 ng/ul	99
51) 2,4-Dinitrophenol	14.95	184	535257	171.520 ng/ul	98
53) 4-Nitrophenol	15.05	109	560017	96.843 ng/ul	95
54) Dibenzofuran	15.24	168	4931869	149.203 ng/ul	100
55) 2,4-Dinitrotoluene	15.20	165	1196143	156.028 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.46	232	999914	148.783 ng/ul	99
57) Diethylphthalate	15.65	149	4016438	146.367 ng/ul	98
59) Fluorene	15.89	166	4001269	148.878 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.87	204	1958770	141.306 ng/ul	99
61) 4-Nitroaniline	15.92	138	739076	138.876 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.96	198	700063	178.991 ng/ul#	97
65) N-Nitrosodiphenylamine	16.09	169	3306858	170.040 ng/ul	99
66) 4-Bromophenyl-phenylether	16.76	248	1171587	168.649 ng/ul	99
67) Hexachlorobenzene	16.88	284	1278201	159.449 ng/ul	97
68) Atrazine	17.02	200	1083046	154.429 ng/ul	100
69) Pentachlorophenol	17.21	266	786587	168.472 ng/ul	97
70) Phenanthrene	17.61	178	5655321	155.710 ng/ul	99
72) Anthracene	17.70	178	5764041	156.055 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.66	216	1757532	160.718 ng/uL	99
74) Pentachlorobenzene	15.16	250	1625262	164.278 ng/uL	99
75) Carbazole	17.96	167	4886581	157.677 ng/ul	99
76) Di-n-butylphthalate	18.50	149	5984763	163.214 ng/ul	99
77) Fluoranthene	19.59	202	5786952	143.892 ng/ul	97
80) Pyrene	19.95	202	5837348	143.498 ng/ul	97
81) Butylbenzylphthalate	20.81	149	2527008	162.238 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.59	252	1405013	143.223 ng/ul	99
83) Benzo(a)anthracene	21.66	228	5138269	142.999 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	3552556	173.168 ng/ul	96
85) Chrysene	21.72	228	4960287	142.492 ng/ul	97
87) Di-n-octyl phthalate	22.48	149	5888767	152.875 ng/ul	100
88) Benzo(b)fluoranthene	23.33	252	5290903	146.018 ng/ul	98
89) Benzo(k)fluoranthene	23.39	252	5134583	147.060 ng/ul	98
91) Benzo(a)pyrene	23.96	252	4862373	151.461 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.51	276	5945129	159.917 ng/ul	96
93) Dibenzo(a,h)anthracene	26.53	278	4928542	158.897 ng/ul	98
94) Benzo(g,h,i)perylene	27.27	276	5148792	165.046 ng/ul	100

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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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