Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011621\
Data File : BM028413.D
Acq On : 15 Jan 2021 21:08
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08005

Quant Time: Jan 15 21:53:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 21:50:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	114758	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	61065	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	116145	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	104686	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	108578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	22290	31.67	ng/uL	0.00
5) Phenol-d5	7.25	99	198740	78.06	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.41	67	123915	80.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	170620	80.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	160245	76.15	ng/ul	0.01
19) Nitrobenzene-d5	9.27	128	80259	84.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	89542	89.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	157243	82.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	184445	78.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	388860	80.81	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	506794	83.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	74610	81.27	ng/ul	0.01
58) Fluorene-d10	15.72	176	333970	77.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	69017	90.03	ng/ul	0.01
71) Anthracene-d10	17.56	188	477175	80.75	ng/ul	0.00
79) Pyrene-d10	19.82	212	484303	78.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	487642	79.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	22780	31.338	ng/uL	98
4) Benzaldehyde	7.22	77	102484	86.985	ng/ul	97
6) Phenol	7.27	94	197827	77.585	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.51	93	161170	79.191	ng/ul	99
10) 2-Chlorophenol	7.65	128	172212	80.273	ng/ul	99
11) 2-Methylphenol	8.54	108	150568	77.601	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.63	45	271979	80.257	ng/ul	99
14) Acetophenone	8.93	105	236018	76.110	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.92	70	119603	77.049	ng/ul	98
16) 4-Methylphenol	8.87	108	160008	75.902	ng/ul	97
17) Hexachloroethane	9.18	117	77331	85.553	ng/ul	96
20) Nitrobenzene	9.31	77	188959	82.741	ng/ul	98
21) Isophorone	9.85	82	326322	82.480	ng/ul	99
23) 2-Nitrophenol	10.02	139	93460	85.788	ng/ul	98
24) 2,4-Dimethylphenol	10.08	107	173800	80.008	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.32	93	206924	79.707	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	150206	80.951	ng/ul	99
28) Naphthalene	10.96	128	523354	79.360	ng/ul	100
30) 4-Chloroaniline	11.07	127	176317	77.822	ng/ul	99
31) Hexachlorobutadiene	11.24	225	97899	82.787	ng/ul	99
32) Caprolactam	11.87	113	43582	75.959	ng/ul	93
33) 4-Chloro-3-methylphenol	12.19	107	152595	77.324	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	346631	76.304	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	401672	75.599 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	169833	84.915 ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	107185	94.446 ng/ul	98
39) 2,4,6-Trichlorophenol	13.17	196	110038	87.416 ng/ul	98
40) 2,4,5-Trichlorophenol	13.24	196	116523	84.623 ng/ul	97
41) 1,1'-Biphenyl	13.57	154	428970	83.201 ng/ul	100
42) 2-Chloronaphthalene	13.62	162	337054	82.876 ng/ul	100
43) 2-Nitroaniline	13.82	65	101103	87.355 ng/ul	99
45) Dimethylphthalate	14.18	163	388841	79.140 ng/ul	100
46) 2,6-Dinitrotoluene	14.31	165	85745	86.621 ng/ul	98
48) Acenaphthylene	14.46	152	503057	82.215 ng/ul	99
49) 3-Nitroaniline	14.63	138	77377	84.591 ng/ul	99
50) Acenaphthene	14.79	153	352607	80.833 ng/ul	99
51) 2,4-Dinitrophenol	14.84	184	52678	91.576 ng/ul	100
53) 4-Nitrophenol	14.94	109	56256	80.655 ng/ul	96
54) Dibenzofuran	15.13	168	467879	78.455 ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	117133	82.750 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.34	232	96204	83.636 ng/ul#	100
57) Diethylphthalate	15.54	149	398464	80.089 ng/ul	99
59) Fluorene	15.77	166	391872	78.154 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	188893	78.282 ng/ul	99
61) 4-Nitroaniline	15.79	138	76939	81.089 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.85	198	72045	89.379 ng/ul	98
65) N-Nitrosodiphenylamine	15.97	169	320897	84.593 ng/ul	100
66) 4-Bromophenyl-phenylether	16.64	248	113758	85.177 ng/ul	97
67) Hexachlorobenzene	16.77	284	126507	81.714 ng/ul	99
68) Atrazine	16.92	200	112901	86.097 ng/ul	99
69) Pentachlorophenol	17.10	266	77451	86.712 ng/ul	99
70) Phenanthrene	17.50	178	573192	80.203 ng/ul	99
72) Anthracene	17.59	178	591415	80.848 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	164924	91.114 ng/uL	98
74) Pentachlorobenzene	15.04	250	152973	85.563 ng/uL	97
75) Carbazole	17.86	167	504863	81.801 ng/ul	99
76) Di-n-butylphthalate	18.40	149	678169	89.809 ng/ul	99
77) Fluoranthene	19.49	202	631687	82.234 ng/ul	97
80) Pyrene	19.85	202	643132	77.708 ng/ul	99
81) Butylbenzylphthalate	20.72	149	294501	92.511 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.49	252	189743	90.158 ng/ul	99
83) Benzo(a)anthracene	21.56	228	569707	79.667 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	436918	98.018 ng/ul#	99
85) Chrysene	21.61	228	557412	79.925 ng/ul	99
87) Di-n-octyl phthalate	22.37	149	744834	87.479 ng/ul	100
88) Benzo(b)fluoranthene	23.20	252	569817	73.492 ng/ul	99
89) Benzo(k)fluoranthene	23.24	252	574006	76.468 ng/ul	99
91) Benzo(a)pyrene	23.80	252	530355	78.498 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.27	276	650232	90.898 ng/ul	97
93) Dibenzo(a,h)anthracene	26.28	278	548382	90.947 ng/ul	99
94) Benzo(g,h,i)perylene	27.01	276	547653	91.949 ng/ul	99

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

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