Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011621\
Data File : BM028412.D
Acq On : 15 Jan 2021 20:31
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04004

Quant Time: Jan 15 21:52:35 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	29576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	117142	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	62363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	118447	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	104095	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	108273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	11535	16.08	ng/uL	0.00
5) Phenol-d5	7.24	99	102276	39.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	63112	40.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	87444	40.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	81930	38.20	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	40610	42.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	45137	44.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	79332	40.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	99466	41.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	193598	39.40	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	252916	40.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	36945	39.40	ng/ul	0.00
58) Fluorene-d10	15.72	176	168432	38.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	33109	42.35	ng/ul	0.00
71) Anthracene-d10	17.55	188	239315	39.71	ng/ul	0.00
79) Pyrene-d10	19.82	212	240501	39.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	239997	39.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	11894	16.052	ng/uL	96
4) Benzaldehyde	7.22	77	56116	46.726	ng/ul	97
6) Phenol	7.27	94	101472	39.041	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.50	93	82360	39.700	ng/ul	99
10) 2-Chlorophenol	7.65	128	87779	40.140	ng/ul	99
11) 2-Methylphenol	8.53	108	77139	39.002	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	140781	40.754	ng/ul	98
14) Acetophenone	8.92	105	120845	38.230	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.91	70	60505	38.238	ng/ul	99
16) 4-Methylphenol	8.87	108	81361	37.863	ng/ul	97
17) Hexachloroethane	9.18	117	39174	42.517	ng/ul	97
20) Nitrobenzene	9.31	77	95849	41.116	ng/ul	97
21) Isophorone	9.84	82	164867	40.823	ng/ul	98
23) 2-Nitrophenol	10.02	139	47711	42.903	ng/ul	96
24) 2,4-Dimethylphenol	10.07	107	88496	39.910	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	104812	39.552	ng/ul	99
27) 2,4-Dichlorophenol	10.56	162	75692	39.963	ng/ul	98
28) Naphthalene	10.96	128	265481	39.438	ng/ul	100
30) 4-Chloroaniline	11.07	127	95357	41.232	ng/ul	98
31) Hexachlorobutadiene	11.24	225	49415	40.937	ng/ul	99
32) Caprolactam	11.85	113	22245	37.982	ng/ul	95
33) 4-Chloro-3-methylphenol	12.19	107	76915	38.182	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	176613	38.087	ng/ul	99

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35) 1-Methylnaphthalene	12.78	142	203633	37.546	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	86613	42.404	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	50352	43.444	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	55519	43.187	ng/ul	99
40) 2,4,5-Trichlorophenol	13.23	196	59303	42.171	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	217041	41.220	ng/ul	99
42) 2-Chloronaphthalene	13.61	162	171350	41.255	ng/ul	99
43) 2-Nitroaniline	13.81	65	50497	42.722	ng/ul	97
45) Dimethylphthalate	14.18	163	195589	38.979	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	42509	42.050	ng/ul	98
48) Acenaphthylene	14.45	152	254048	40.655	ng/ul	99
49) 3-Nitroaniline	14.63	138	40058	42.881	ng/ul	99
50) Acenaphthene	14.79	153	179052	40.192	ng/ul	100
51) 2,4-Dinitrophenol	14.84	184	24512	41.725	ng/ul	97
53) 4-Nitrophenol	14.93	109	28247	39.655	ng/ul	94
54) Dibenzofuran	15.12	168	237975	39.073	ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	57754	39.952	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.34	232	48229	41.056	ng/ul	97
57) Diethylphthalate	15.53	149	198041	38.977	ng/ul	99
59) Fluorene	15.77	166	196606	38.394	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	94818	38.477	ng/ul	98
61) 4-Nitroaniline	15.79	138	39069	40.319	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.84	198	34536	42.013	ng/ul	97
65) N-Nitrosodiphenylamine	15.97	169	160944	41.603	ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	56583	41.543	ng/ul	96
67) Hexachlorobenzene	16.76	284	63098	39.965	ng/ul	98
68) Atrazine	16.91	200	54504	40.756	ng/ul	98
69) Pentachlorophenol	17.10	266	37713	41.402	ng/ul	97
70) Phenanthrene	17.50	178	288462	39.578	ng/ul	100
72) Anthracene	17.59	178	295161	39.565	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	83927	45.465	ng/uL	97
74) Pentachlorobenzene	15.04	250	77312	42.403	ng/uL	98
75) Carbazole	17.85	167	253449	40.267	ng/ul	100
76) Di-n-butylphthalate	18.40	149	325462	42.263	ng/ul	99
77) Fluoranthene	19.49	202	314051	40.089	ng/ul	99
80) Pyrene	19.84	202	321650	39.085	ng/ul	99
81) Butylbenzylphthalate	20.72	149	140318	44.328	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.49	252	100507	48.028	ng/ul	98
83) Benzo(a)anthracene	21.56	228	284350	39.989	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	205251	46.307	ng/ul	100
85) Chrysene	21.61	228	274771	39.622	ng/ul	100
87) Di-n-octyl phthalate	22.37	149	347015	40.871	ng/ul	100
88) Benzo(b)fluoranthene	23.19	252	287576	37.195	ng/ul	99
89) Benzo(k)fluoranthene	23.24	252	277925	37.129	ng/ul	100
91) Benzo(a)pyrene	23.79	252	262221	38.921	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.26	276	324082	45.432	ng/ul	99
93) Dibenzo(a,h)anthracene	26.27	278	271925	45.225	ng/ul	99
94) Benzo(g,h,i)perylene	26.99	276	271199	45.662	ng/ul	98

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

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