Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028423.D
Acq On : 18 Jan 2021 13:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: Jan 18 14:25:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 10:13:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	28639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	111570	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	61097	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.46	188	120403	20.00	ng/ul	0.00
78) Chrysene-d12	21.59	240	108799	20.00	ng/ul	0.01
86) Perylene-d12	23.90	264	112940	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	5851	8.61	ng/uL	0.00
5) Phenol-d5	7.24	99	51743	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32305	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	44375	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	41492	21.01	ng/ul	0.01
19) Nitrobenzene-d5	9.27	128	20530	21.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.99	143	22358	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	40663	21.40	ng/ul	0.01
29) 4-Chloroaniline-d4	11.05	131	45178	20.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	104031	21.44	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	131618	21.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	19220	21.15	ng/ul	0.02
58) Fluorene-d10	15.72	176	88377	21.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	14538	17.55	ng/ul	0.01
71) Anthracene-d10	17.56	188	129880	20.95	ng/ul	0.01
79) Pyrene-d10	19.82	212	129394	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.76	264	136324	21.27	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	5985	8.529	ng/uL	99
4) Benzaldehyde	7.22	77	17095	14.114	ng/ul	95
6) Phenol	7.27	94	51281	21.078	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.50	93	42291	21.307	ng/ul	99
10) 2-Chlorophenol	7.65	128	44863	20.986	ng/ul	99
11) 2-Methylphenol	8.54	108	38770	20.906	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.63	45	70560	20.906	ng/ul	100
14) Acetophenone	8.92	105	60222	20.607	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	30564	20.615	ng/ul	97
16) 4-Methylphenol	8.87	108	41099	20.821	ng/ul	100
17) Hexachloroethane	9.18	117	19363	20.549	ng/ul	99
20) Nitrobenzene	9.31	77	48106	21.059	ng/ul	98
21) Isophorone	9.84	82	83837	21.091	ng/ul	99
23) 2-Nitrophenol	10.02	139	23205	21.001	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	45176	21.278	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.32	93	53805	21.157	ng/ul	99
27) 2,4-Dichlorophenol	10.56	162	38657	21.209	ng/ul	98
28) Naphthalene	10.96	128	135008	21.012	ng/ul	100
30) 4-Chloroaniline	11.07	127	43687	20.571	ng/ul	98
31) Hexachlorobutadiene	11.24	225	25601	21.495	ng/ul	96
32) Caprolactam	11.85	113	11195	21.182	ng/ul	90
33) 4-Chloro-3-methylphenol	12.19	107	39598	21.360	ng/ul	97
34) 2-Methylnaphthalene	12.57	142	89398	20.977	ng/ul	99

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35) 1-Methylnaphthalene	12.79	142	105022	21.120	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	44812	21.263	ng/ul	98
38) Hexachlorocyclopentadiene	12.90	237	17678	14.558	ng/ul	93
39) 2,4,6-Trichlorophenol	13.17	196	28495	21.234	ng/ul	95
40) 2,4,5-Trichlorophenol	13.24	196	30517	21.398	ng/ul	97
41) 1,1'-Biphenyl	13.57	154	111085	20.812	ng/ul	99
42) 2-Chloronaphthalene	13.62	162	88176	21.104	ng/ul	99
43) 2-Nitroaniline	13.82	65	25670	21.458	ng/ul	99
45) Dimethylphthalate	14.18	163	104443	21.238	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	21916	21.782	ng/ul	95
48) Acenaphthylene	14.46	152	132304	21.333	ng/ul	100
49) 3-Nitroaniline	14.63	138	19666	21.486	ng/ul	99
50) Acenaphthene	14.79	153	93050	21.111	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	9327	15.687	ng/ul	95
53) 4-Nitrophenol	14.93	109	14583	20.913	ng/ul	95
54) Dibenzofuran	15.13	168	123596	20.899	ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	30133	21.690	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.35	232	24556	21.052	ng/ul	99
57) Diethylphthalate	15.53	149	107542	21.384	ng/ul	99
59) Fluorene	15.77	166	103500	21.271	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	50205	20.995	ng/ul	97
61) 4-Nitroaniline	15.79	138	20990	23.390	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	14988	17.209	ng/ul	98
65) N-Nitrosodiphenylamine	15.97	169	85429	20.912	ng/ul	99
66) 4-Bromophenyl-phenylether	16.65	248	30594	21.287	ng/ul	94
67) Hexachlorobenzene	16.77	284	33805	20.560	ng/ul	98
68) Atrazine	16.91	200	30299	21.337	ng/ul	99
69) Pentachlorophenol	17.11	266	19196	20.060	ng/ul	97
70) Phenanthrene	17.50	178	155709	20.944	ng/ul	100
72) Anthracene	17.59	178	159323	20.995	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	43078	20.717	ng/uL	99
74) Pentachlorobenzene	15.04	250	40466	20.737	ng/uL	99
75) Carbazole	17.86	167	136650	21.187	ng/ul	99
76) Di-n-butylphthalate	18.40	149	185409	21.469	ng/ul	99
77) Fluoranthene	19.49	202	169198	20.916	ng/ul	99
80) Pyrene	19.85	202	172451	20.488	ng/ul	98
81) Butylbenzylphthalate	20.72	149	79543	21.101	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.50	252	42133	17.372	ng/ul	96
83) Benzo(a)anthracene	21.57	228	158652	20.982	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	121312	21.450	ng/ul#	98
85) Chrysene	21.62	228	153078	20.879	ng/ul	100
87) Di-n-octyl phthalate	22.37	149	207227	21.865	ng/ul	100
88) Benzo(b)fluoranthene	23.20	252	165090	21.592	ng/ul	99
89) Benzo(k)fluoranthene	23.25	252	155735	20.804	ng/ul	100
91) Benzo(a)pyrene	23.80	252	149673	21.202	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.28	276	187265	21.761	ng/ul	98
93) Dibenzo(a,h)anthracene	26.29	278	158300	21.827	ng/ul	99
94) Benzo(g,h,i)perylene	27.01	276	157079	21.877	ng/ul	97

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

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