Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121520\
Data File : BM028124.D
Acq On : 15 Dec 2020 12:57
Operator : JU/CG
Sample : SSTD04002
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04002

Quant Time: Dec 15 13:33:11 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	147785	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	619868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	364000	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	742892	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	626170	20.00	ng/ul	0.00
86) Perylene-d12	24.04	264	557231	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	60258	15.58	ng/uL	0.00
5) Phenol-d5	7.35	99	513731	36.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	323095	37.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	430537	41.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	420781	38.62	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	205530	39.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	213277	38.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	419377	37.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	547935	46.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.24	166	1148571	39.78	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	1477127	40.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	221689	43.24	ng/ul	0.00
58) Fluorene-d10	15.82	176	1013794	39.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	187410	41.51	ng/ul	0.00
71) Anthracene-d10	17.66	188	1506678	40.20	ng/ul	0.00
79) Pyrene-d10	19.92	212	1520403	39.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.89	264	1270348	40.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	61272	14.617	ng/uL	97
4) Benzaldehyde	7.34	77	280163	33.523	ng/ul	99
6) Phenol	7.38	94	511362	36.402	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.62	93	423217	38.480	ng/ul	95
10) 2-Chlorophenol	7.77	128	439378	42.210	ng/ul	98
11) 2-Methylphenol	8.66	108	394311	37.910	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.75	45	725959	42.916	ng/ul	100
14) Acetophenone	9.05	105	627364	36.347	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.04	70	316503	34.917	ng/ul	99
16) 4-Methylphenol	8.99	108	422446	38.161	ng/ul	97
17) Hexachloroethane	9.32	117	189035	38.513	ng/ul	99
20) Nitrobenzene	9.43	77	490899	31.671	ng/ul	99
21) Isophorone	9.96	82	871096	33.986	ng/ul	98
23) 2-Nitrophenol	10.15	139	235799	40.805	ng/ul	100
24) 2,4-Dimethylphenol	10.20	107	468423	33.771	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.44	93	567452	37.518	ng/ul	98
27) 2,4-Dichlorophenol	10.69	162	400413	38.457	ng/ul	98
28) Naphthalene	11.10	128	1409931	40.399	ng/ul	100
30) 4-Chloroaniline	11.20	127	526277	46.475	ng/ul	99
31) Hexachlorobutadiene	11.37	225	257102	32.859	ng/ul	100
32) Caprolactam	11.97	113	121641	39.078	ng/ul	96
33) 4-Chloro-3-methylphenol	12.30	107	423361	35.274	ng/ul	100
34) 2-Methylnaphthalene	12.69	142	970117	40.727	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	1128795	40.608	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	481071	36.128	ng/ul	98
38) Hexachlorocyclopentadiene	13.03	237	291631	32.646	ng/ul	100
39) 2,4,6-Trichlorophenol	13.28	196	307838	37.554	ng/ul	98
40) 2,4,5-Trichlorophenol	13.35	196	331650	37.398	ng/ul	99
41) 1,1'-Biphenyl	13.68	154	1232226	40.193	ng/ul	99
42) 2-Chloronaphthalene	13.73	162	970126	39.177	ng/ul	99
43) 2-Nitroaniline	13.92	65	281953	34.229	ng/ul	98
45) Dimethylphthalate	14.29	163	1172244	39.760	ng/ul	100
46) 2,6-Dinitrotoluene	14.41	165	243364	43.393	ng/ul	97
48) Acenaphthylene	14.57	152	1472402	41.703	ng/ul	99
49) 3-Nitroaniline	14.74	138	227095	45.445	ng/ul	94
50) Acenaphthene	14.90	153	1035194	41.214	ng/ul	99
51) 2,4-Dinitrophenol	14.94	184	133609	40.807	ng/ul	97
53) 4-Nitrophenol	15.03	109	170819	28.155	ng/ul	99
54) Dibenzofuran	15.23	168	1411591	40.703	ng/ul	98
55) 2,4-Dinitrotoluene	15.19	165	344852	42.875	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.45	232	281600	39.937	ng/ul	98
57) Diethylphthalate	15.64	149	1210420	42.042	ng/ul	98
59) Fluorene	15.88	166	1182671	41.942	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	573844	39.457	ng/ul	99
61) 4-Nitroaniline	15.89	138	238080	42.639	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.94	198	200214	42.476	ng/ul	99
65) N-Nitrosodiphenylamine	16.07	169	985113	42.032	ng/ul	99
66) 4-Bromophenyl-phenylether	16.75	248	348623	41.641	ng/ul	98
67) Hexachlorobenzene	16.87	284	391656	40.540	ng/ul	98
68) Atrazine	17.01	200	342517	40.525	ng/ul	99
69) Pentachlorophenol	17.20	266	229927	40.863	ng/ul	96
70) Phenanthrene	17.60	178	1806016	41.261	ng/ul	100
72) Anthracene	17.69	178	1864053	41.876	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	470302	35.685	ng/uL	99
74) Pentachlorobenzene	15.16	250	458041	38.416	ng/uL	99
75) Carbazole	17.96	167	1589617	42.561	ng/ul	99
76) Di-n-butylphthalate	18.49	149	2030710	45.953	ng/ul	99
77) Fluoranthene	19.59	202	1974799	40.744	ng/ul	98
80) Pyrene	19.94	202	2026346	40.346	ng/ul	100
81) Butylbenzylphthalate	20.80	149	812492	42.250	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.58	252	552480	45.615	ng/ul	99
83) Benzo(a)anthracene	21.66	228	1700999	38.342	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	1144701	45.193	ng/ul	98
85) Chrysene	21.71	228	1657772	38.572	ng/ul	98
87) Di-n-octyl phthalate	22.47	149	1800040	43.144	ng/ul	100
88) Benzo(b)fluoranthene	23.32	252	1549225	39.475	ng/ul	99
89) Benzo(k)fluoranthene	23.37	252	1545199	40.860	ng/ul	99
91) Benzo(a)pyrene	23.94	252	1396128	40.152	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.48	276	1560168	38.746	ng/ul	99
93) Dibenzo(a,h)anthracene	26.49	278	1320380	39.303	ng/ul	99
94) Benzo(g,h,i)perylene	27.23	276	1311614	38.818	ng/ul	99

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

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