Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
Data File : BM014905.D
Acq On : 02 May 2018 03:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: May 02 05:00:20 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 04:52:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	329430	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1361154	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	683094	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1381836	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1360671	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1396119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	62242	8.25	ng/uL	0.00
5) Phenol-d5	7.62	99	545752	21.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	373412	22.86	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	449253	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	431239	21.23	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	200595	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	204517	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	392110	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	532282	27.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1063856	19.95	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1354406	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	189618	19.16	ng/ul	0.00
57) Fluorene-d10	16.07	176	901638	19.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	137913	18.44	ng/ul	0.00
70) Anthracene-d10	17.91	188	1298788	20.17	ng/ul	0.00
76) Pyrene-d10	20.15	212	1309140	20.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1371296	19.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	66353	8.358	ng/uL#	82
4) Benzaldehyde	7.61	77	350997	26.201	ng/ul	91
6) Phenol	7.65	94	540984	21.590	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.89	93	435527	21.737	ng/ul#	87
10) 2-Chlorophenol	8.05	128	442337	21.083	ng/ul	94
11) 2-Methylphenol	8.93	108	390598	21.208	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.02	45	871660	23.533	ng/ul	97
14) Acetophenone	9.33	105	644392	21.653	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.30	70	338639	21.927	ng/ul#	82
16) 4-Methylphenol	9.26	108	423852	21.386	ng/ul	91
17) Hexachloroethane	9.60	117	179002	20.858	ng/ul#	61
20) Nitrobenzene	9.72	77	501681	21.340	ng/ul	94
21) Isophorone	10.25	82	842964	20.967	ng/ul#	94
23) 2-Nitrophenol	10.44	139	222167	20.868	ng/ul#	77
24) 2,4-Dimethylphenol	10.48	107	468089	20.811	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.72	93	562225	20.802	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	376347	19.795	ng/ul#	90
28) Naphthalene	11.39	128	1338096	20.174	ng/ul	100
30) 4-Chloroaniline	11.49	127	508356	26.645	ng/ul	95
31) Hexachlorobutadiene	11.66	225	228782	18.701	ng/ul	94
32) Caprolactam	12.25	113	104580	19.092	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.57	107	394103	20.493	ng/ul	96
34) 2-Methylnaphthalene	12.96	142	908888	19.732	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	412722	19.274	ng/ul#	96
37) Hexachlorocyclopentadiene	13.29	237	235166	15.941	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	266156	20.123	ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	280058	19.824	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	1124313	20.468	ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	877796	20.578	ng/ul	96
42) 2-Nitroaniline	14.19	65	254863	22.577	ng/ul	97
44) Dimethylphthalate	14.54	163	1028319	19.949	ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	193622	20.480	ng/ul#	96
47) Acenaphthylene	14.83	152	1318335	20.666	ng/ul	100
48) 3-Nitroaniline	15.00	138	202088	21.722	ng/ul	90
49) Acenaphthene	15.16	153	921322	20.323	ng/ul	100
50) 2,4-Dinitrophenol	15.19	184	84570	16.111	ng/ul#	81
52) 4-Nitrophenol	15.27	109	148136	20.771	ng/ul#	84
53) Dibenzofuran	15.49	168	1258093	19.984	ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	279948	20.098	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.70	232	227344	18.966	ng/ul#	76
56) Diethylphthalate	15.87	149	1032313	19.895	ng/ul	93
58) Fluorene	16.13	166	995562	19.585	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.12	204	481973	18.942	ng/ul	93
60) 4-Nitroaniline	16.14	138	212665	19.595	ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	16.19	198	144189	18.558	ng/ul#	98
64) N-Nitrosodiphenylamine	16.32	169	839777	20.956	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	288880	19.794	ng/ul#	90
66) Hexachlorobenzene	17.12	284	338742	19.978	ng/ul#	90
67) Atrazine	17.25	200	273371	21.363	ng/ul#	95
68) Pentachlorophenol	17.46	266	177932	18.451	ng/ul	98
69) Phenanthrene	17.86	178	1485174	20.013	ng/ul	99
71) Anthracene	17.95	178	1528260	20.292	ng/ul	99
72) Carbazole	18.20	167	1315283	20.472	ng/ul	98
73) Di-n-butylphthalate	18.73	149	1623193	20.776	ng/ul#	98
74) Fluoranthene	19.82	202	1597217	19.741	ng/ul#	81
77) Pyrene	20.18	202	1632914	20.540	ng/ul#	79
78) Butylbenzylphthalate	21.02	149	705289	21.745	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.80	252	550820	21.218	ng/ul#	96
80) Benzo(a)anthracene	21.89	228	1595838	20.056	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1015613	21.333	ng/ul#	96
82) Chrysene	21.94	228	1481112	19.884	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1679544	20.916	ng/ul#	90
85) Benzo(b)fluoranthene	23.62	252	1601339	19.457	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1586521	20.047	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1544969	19.790	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.94	276	1884268	19.951	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.96	278	1587618	19.965	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1543910	19.871	ng/ul#	89

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

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