Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014808.D
Acq On : 24 Apr 2018 14:03
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02097

Quant Time: Apr 25 01:23:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	413274	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1808151	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1013172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2247517	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2344070	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2336948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	70553	7.45	ng/uL	0.00
5) Phenol-d5	7.65	99	695775	21.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	448251	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	566403	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	9.23	113	569318	22.35	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	271734	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	288780	22.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	534527	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	728434	27.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1615805	20.43	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1984919	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	314545	21.43	ng/ul	0.00
57) Fluorene-d10	16.10	176	1364795	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	232571	19.12	ng/ul	0.00
70) Anthracene-d10	17.94	188	2072460	19.79	ng/ul	0.00
76) Pyrene-d10	20.17	212	2191990	19.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2252702	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	75126	7.544	ng/uL#	81
4) Benzaldehyde	7.64	77	442147	26.309	ng/ul	91
6) Phenol	7.67	94	690485	21.966	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.92	93	543791	21.634	ng/ul	89
10) 2-Chlorophenol	8.07	128	553863	21.043	ng/ul	95
11) 2-Methylphenol	8.96	108	506087	21.904	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.05	45	1042611	22.437	ng/ul#	96
14) Acetophenone	9.36	105	842677	22.571	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.34	70	449057	23.178	ng/ul#	79
16) 4-Methylphenol	9.29	108	555435	22.340	ng/ul	94
17) Hexachloroethane	9.63	117	220107	20.445	ng/ul#	70
20) Nitrobenzene	9.75	77	639532	20.479	ng/ul	93
21) Isophorone	10.27	82	1182879	22.149	ng/ul#	94
23) 2-Nitrophenol	10.47	139	305050	21.569	ng/ul#	74
24) 2,4-Dimethylphenol	10.51	107	615943	20.614	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.75	93	735531	20.487	ng/ul	95
27) 2,4-Dichlorophenol	11.00	162	507174	20.082	ng/ul#	90
28) Naphthalene	11.42	128	1725217	19.580	ng/ul	99
30) 4-Chloroaniline	11.52	127	693240	27.353	ng/ul	94
31) Hexachlorobutadiene	11.69	225	299418	18.424	ng/ul	94
32) Caprolactam	12.27	113	174544	23.987	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.60	107	566219	22.164	ng/ul	95
34) 2-Methylnaphthalene	12.99	142	1230184	20.105	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.35	216	584374	18.399	ng/ul#	97
37) Hexachlorocyclopentadiene	13.32	237	363773	16.625	ng/ul	99
38) 2,4,6-Trichlorophenol	13.57	196	402736	20.529	ng/ul	98
39) 2,4,5-Trichlorophenol	13.64	196	425418	20.303	ng/ul	98
40) 1,1'-Biphenyl	13.97	154	1579314	19.384	ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	1217877	19.249	ng/ul	97
42) 2-Nitroaniline	14.21	65	393489	23.501	ng/ul	97
44) Dimethylphthalate	14.56	163	1556807	20.362	ng/ul	100
45) 2,6-Dinitrotoluene	14.69	165	313844	22.381	ng/ul	90
47) Acenaphthylene	14.86	152	1900590	20.087	ng/ul	99
48) 3-Nitroaniline	15.02	138	337056	24.427	ng/ul	88
49) Acenaphthene	15.19	153	1329465	19.772	ng/ul	100
50) 2,4-Dinitrophenol	15.22	184	139895	17.968	ng/ul	93
52) 4-Nitrophenol	15.30	109	226822	21.442	ng/ul#	83
53) Dibenzofuran	15.52	168	1840540	19.711	ng/ul	99
54) 2,4-Dinitrotoluene	15.47	165	458945	22.214	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.73	232	370810	20.857	ng/ul#	83
56) Diethylphthalate	15.90	149	1583567	20.576	ng/ul	94
58) Fluorene	16.16	166	1496420	19.847	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.14	204	737664	19.546	ng/ul	94
60) 4-Nitroaniline	16.16	138	351449	21.833	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.22	198	241085	19.078	ng/ul	91
64) N-Nitrosodiphenylamine	16.35	169	1295427	19.875	ng/ul	99
65) 4-Bromophenyl-phenylether	17.03	248	459362	19.352	ng/ul	95
66) Hexachlorobenzene	17.15	284	531822	19.284	ng/ul#	93
67) Atrazine	17.27	200	464049	22.296	ng/ul	92
68) Pentachlorophenol	17.48	266	311276	19.846	ng/ul	98
69) Phenanthrene	17.88	178	2349458	19.465	ng/ul	99
71) Anthracene	17.97	178	2408685	19.663	ng/ul	99
72) Carbazole	18.23	167	2135006	20.431	ng/ul	99
73) Di-n-butylphthalate	18.75	149	2741037	21.571	ng/ul#	97
74) Fluoranthene	19.84	202	2652496	20.156	ng/ul#	82
77) Pyrene	20.20	202	2693972	19.670	ng/ul#	80
78) Butylbenzylphthalate	21.04	149	1260254	22.555	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.83	252	949959	21.242	ng/ul#	94
80) Benzo(a)anthracene	21.91	228	2732059	19.931	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	1829412	22.306	ng/ul#	96
82) Chrysene	21.97	228	2505362	19.524	ng/ul	99
84) Di-n-octyl phthalate	22.74	149	3270072	24.329	ng/ul#	93
85) Benzo(b)fluoranthene	23.66	252	2709385	19.667	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	2580830	19.482	ng/ul#	96
88) Benzo(a)pyrene	24.31	252	2532261	19.378	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	2764228	17.485	ng/ul#	87
90) Dibenzo(a,h)anthracene	27.01	278	2349809	17.653	ng/ul#	92
91) Benzo(g,h,i)perylene	27.80	276	2098052	16.132	ng/ul#	90

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

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