Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014775.D
Acq On : 23 Apr 2018 12:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02093

Quant Time: Apr 24 01:43:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 23:53:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	342869	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.37	136	1428299	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.13	164	743115	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.84	188	1545018	20.00	ng/ul	-0.01
75) Chrysene-d12	21.93	240	1524927	20.00	ng/ul	0.00
83) Perylene-d12	24.43	264	1573974	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	62664	7.98	ng/uL	-0.02
5) Phenol-d5	7.65	99	556772	21.00	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.83	67	363435	21.38	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.05	132	463814	20.92	ng/ul	-0.02
13) 4-Methylphenol-d8	9.23	113	445774	21.09	ng/ul	-0.01
19) Nitrobenzene-d5	9.71	128	214831	20.80	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.44	143	233254	22.68	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.97	165	418363	20.02	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.50	131	545840	26.47	ng/ul	-0.01
43) Dimethylphthalate-d6	14.52	166	1146849	19.77	ng/ul	-0.01
46) Acenaphthylene-d8	14.83	160	1463367	20.43	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.29	143	217991	20.25	ng/ul	-0.01
57) Fluorene-d10	16.10	176	979875	19.42	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	16.20	200	163656	19.58	ng/ul	-0.02
70) Anthracene-d10	17.94	188	1426734	19.82	ng/ul	-0.01
76) Pyrene-d10	20.17	212	1470345	20.38	ng/ul	-0.01
87) Benzo(a)pyrene-d12	24.26	264	1520884	19.67	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	65148	7.885	ng/uL#	79
4) Benzaldehyde	7.65	77	356783	25.589	ng/ul	89
6) Phenol	7.67	94	546748	20.965	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.92	93	435326	20.875	ng/ul	89
10) 2-Chlorophenol	8.08	128	449518	20.586	ng/ul	96
11) 2-Methylphenol	8.96	108	406588	21.211	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.06	45	831403	21.566	ng/ul	96
14) Acetophenone	9.36	105	653094	21.085	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.33	70	344184	21.413	ng/ul#	80
16) 4-Methylphenol	9.29	108	431572	20.922	ng/ul	95
17) Hexachloroethane	9.63	117	182853	20.472	ng/ul#	69
20) Nitrobenzene	9.75	77	501150	20.315	ng/ul	93
21) Isophorone	10.28	82	881383	20.892	ng/ul#	93
23) 2-Nitrophenol	10.47	139	245047	21.935	ng/ul#	74
24) 2,4-Dimethylphenol	10.51	107	467730	19.817	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.75	93	566146	19.962	ng/ul	96
27) 2,4-Dichlorophenol	11.00	162	392383	19.668	ng/ul#	88
28) Naphthalene	11.42	128	1360020	19.540	ng/ul	100
30) 4-Chloroaniline	11.52	127	519176	25.933	ng/ul	94
31) Hexachlorobutadiene	11.69	225	240420	18.728	ng/ul	94
32) Caprolactam	12.27	113	125516	21.837	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.60	107	415874	20.609	ng/ul	93
34) 2-Methylnaphthalene	12.99	142	938420	19.416	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.35	216	445840	19.138 ng/ul#	97
37) Hexachlorocyclopentadiene	13.33	237	293466	18.286 ng/ul	100
38) 2,4,6-Trichlorophenol	13.58	196	301111	20.927 ng/ul	97
39) 2,4,5-Trichlorophenol	13.64	196	313855	20.422 ng/ul	99
40) 1,1'-Biphenyl	13.97	154	1175489	19.671 ng/ul#	98
41) 2-Chloronaphthalene	14.03	162	914032	19.697 ng/ul	99
42) 2-Nitroaniline	14.22	65	282255	22.984 ng/ul	93
44) Dimethylphthalate	14.57	163	1095029	19.528 ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	222781	21.661 ng/ul	90
47) Acenaphthylene	14.86	152	1398667	20.154 ng/ul	99
48) 3-Nitroaniline	15.02	138	235460	23.265 ng/ul	88
49) Acenaphthene	15.19	153	972657	19.722 ng/ul	100
50) 2,4-Dinitrophenol	15.22	184	107118	18.758 ng/ul	91
52) 4-Nitrophenol	15.30	109	153414	19.773 ng/ul#	80
53) Dibenzofuran	15.52	168	1326139	19.364 ng/ul	100
54) 2,4-Dinitrotoluene	15.47	165	314979	20.786 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.73	232	266209	20.415 ng/ul#	84
56) Diethylphthalate	15.90	149	1104582	19.568 ng/ul	93
58) Fluorene	16.16	166	1062215	19.208 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.14	204	525133	18.972 ng/ul	95
60) 4-Nitroaniline	16.16	138	229929	19.475 ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.22	198	167807	19.317 ng/ul	93
64) N-Nitrosodiphenylamine	16.35	169	906253	20.226 ng/ul	99
65) 4-Bromophenyl-phenylether	17.03	248	317497	19.457 ng/ul	95
66) Hexachlorobenzene	17.15	284	366898	19.353 ng/ul#	92
67) Atrazine	17.27	200	311485	21.771 ng/ul#	93
68) Pentachlorophenol	17.49	266	220988	20.496 ng/ul	97
69) Phenanthrene	17.89	178	1616364	19.480 ng/ul	99
71) Anthracene	17.97	178	1657640	19.685 ng/ul	99
72) Carbazole	18.23	167	1453261	20.230 ng/ul	99
73) Di-n-butylphthalate	18.75	149	1807289	20.689 ng/ul#	97
74) Fluoranthene	19.85	202	1775322	19.625 ng/ul#	84
77) Pyrene	20.20	202	1805918	20.269 ng/ul#	79
78) Butylbenzylphthalate	21.04	149	810378	22.294 ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.83	252	606633	20.851 ng/ul#	94
80) Benzo(a)anthracene	21.92	228	1768157	19.828 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	1169863	21.926 ng/ul#	97
82) Chrysene	21.97	228	1659103	19.874 ng/ul	100
84) Di-n-octyl phthalate	22.75	149	1943437	21.468 ng/ul#	93
85) Benzo(b)fluoranthene	23.66	252	1814580	19.557 ng/ul#	96
86) Benzo(k)fluoranthene	23.71	252	1706583	19.127 ng/ul#	96
88) Benzo(a)pyrene	24.31	252	1696726	19.278 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.01	276	2081366	19.548 ng/ul#	87
90) Dibenzo(a,h)anthracene	27.01	278	1742280	19.434 ng/ul#	92
91) Benzo(g,h,i)perylene	27.81	276	1711817	19.542 ng/ul#	89

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

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