Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014806.D
Acq On : 24 Apr 2018 09:15
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02096

Quant Time: Apr 24 12:42:34 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	394432	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1640000	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	852157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1781200	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1774019	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1846228	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	67550	7.48	ng/uL	0.00
5) Phenol-d5	7.65	99	644470	21.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	414435	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	533754	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	512980	21.10	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	245352	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	256794	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	485124	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	637642	26.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1310952	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1679916	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	241695	19.58	ng/ul	0.00
57) Fluorene-d10	16.10	176	1126322	19.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	152466	15.82	ng/ul	0.00
70) Anthracene-d10	17.94	188	1666415	20.08	ng/ul	0.00
76) Pyrene-d10	20.17	212	1714027	20.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1785332	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	72990	7.679	ng/uL#	79
4) Benzaldehyde	7.64	77	411291	25.642	ng/ul	90
6) Phenol	7.68	94	638777	21.292	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.92	93	500382	20.858	ng/ul	89
10) 2-Chlorophenol	8.08	128	520080	20.704	ng/ul	96
11) 2-Methylphenol	8.96	108	467884	21.218	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.05	45	951844	21.463	ng/ul	96
14) Acetophenone	9.36	105	756917	21.242	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.33	70	394686	21.345	ng/ul#	80
16) 4-Methylphenol	9.29	108	501412	21.130	ng/ul	91
17) Hexachloroethane	9.63	117	205882	20.037	ng/ul#	67
20) Nitrobenzene	9.75	77	585030	20.654	ng/ul	92
21) Isophorone	10.28	82	1007193	20.793	ng/ul#	93
23) 2-Nitrophenol	10.47	139	274556	21.404	ng/ul#	75
24) 2,4-Dimethylphenol	10.50	107	547296	20.195	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.75	93	650141	19.965	ng/ul	95
27) 2,4-Dichlorophenol	11.00	162	457944	19.991	ng/ul#	92
28) Naphthalene	11.42	128	1589216	19.886	ng/ul	99
30) 4-Chloroaniline	11.52	127	611282	26.592	ng/ul	94
31) Hexachlorobutadiene	11.69	225	277057	18.796	ng/ul	96
32) Caprolactam	12.27	113	139191	21.090	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.60	107	478709	20.660	ng/ul	95
34) 2-Methylnaphthalene	12.99	142	1091924	19.675	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.35	216	520442	19.482	ng/ul#	96
37) Hexachlorocyclopentadiene	13.32	237	240921	13.091	ng/ul	99
38) 2,4,6-Trichlorophenol	13.57	196	341334	20.687	ng/ul	97
39) 2,4,5-Trichlorophenol	13.65	196	355706	20.184	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	1374148	20.053	ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	1065853	20.029	ng/ul	98
42) 2-Nitroaniline	14.21	65	312389	22.183	ng/ul	94
44) Dimethylphthalate	14.56	163	1257172	19.550	ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	251028	21.284	ng/ul	89
47) Acenaphthylene	14.86	152	1628591	20.464	ng/ul	99
48) 3-Nitroaniline	15.02	138	273180	23.538	ng/ul	88
49) Acenaphthene	15.19	153	1125129	19.894	ng/ul	99
50) 2,4-Dinitrophenol	15.22	184	92565	14.135	ng/ul	97
52) 4-Nitrophenol	15.30	109	174614	19.626	ng/ul#	79
53) Dibenzofuran	15.52	168	1530881	19.493	ng/ul	99
54) 2,4-Dinitrotoluene	15.46	165	357085	20.550	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.73	232	297756	19.912	ng/ul#	84
56) Diethylphthalate	15.90	149	1253988	19.373	ng/ul	94
58) Fluorene	16.16	166	1235107	19.477	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.14	204	608424	19.168	ng/ul	95
60) 4-Nitroaniline	16.16	138	290625	21.466	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.22	198	160492	16.025	ng/ul	92
64) N-Nitrosodiphenylamine	16.35	169	1049565	20.319	ng/ul	100
65) 4-Bromophenyl-phenylether	17.03	248	370483	19.694	ng/ul	96
66) Hexachlorobenzene	17.15	284	431858	19.759	ng/ul#	93
67) Atrazine	17.27	200	350004	21.219	ng/ul#	92
68) Pentachlorophenol	17.48	266	231530	18.626	ng/ul	98
69) Phenanthrene	17.88	178	1898104	19.843	ng/ul	99
71) Anthracene	17.97	178	1932638	19.908	ng/ul	99
72) Carbazole	18.23	167	1689703	20.403	ng/ul	99
73) Di-n-butylphthalate	18.75	149	2066130	20.516	ng/ul#	97
74) Fluoranthene	19.84	202	2105412	20.188	ng/ul#	82
77) Pyrene	20.20	202	2123882	20.490	ng/ul#	81
78) Butylbenzylphthalate	21.04	149	940429	22.239	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.83	252	738066	21.807	ng/ul#	97
80) Benzo(a)anthracene	21.91	228	2081450	20.064	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	1332183	21.462	ng/ul#	96
82) Chrysene	21.96	228	1931649	19.890	ng/ul	99
84) Di-n-octyl phthalate	22.74	149	2248330	21.173	ng/ul#	92
85) Benzo(b)fluoranthene	23.66	252	2128157	19.554	ng/ul#	97
86) Benzo(k)fluoranthene	23.70	252	1986952	18.986	ng/ul#	96
88) Benzo(a)pyrene	24.31	252	2001995	19.392	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	27.00	276	2427918	19.440	ng/ul#	87
90) Dibenzo(a,h)anthracene	27.01	278	2066486	19.651	ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	1952939	19.007	ng/ul#	90

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

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