Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091417\
Data File : BM011564.D
Acq On : 15 Sep 2017 10:24
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Quant Time: Sep 15 12:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	398901	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1835006	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1086476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2438431	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2851975	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2477736	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	73042	8.24	ng/uL	0.00
5) Phenol-d5	7.12	99	762424	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	552402	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	582582	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	598168	20.00	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	279649	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	291653	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	577146	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	758316	23.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1777586	19.35	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2224814	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	318182	18.43	ng/ul	0.00
58) Fluorene-d10	15.59	176	1583197	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	250454	17.65	ng/ul	0.00
71) Anthracene-d10	17.44	188	2396304	19.96	ng/ul	0.00
79) Pyrene-d10	19.72	212	2647154	19.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2400199	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	82278	8.465	ng/uL#	65
4) Benzaldehyde	7.11	77	430289	19.660	ng/ul	97
6) Phenol	7.15	94	765256	20.127	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.39	93	613151	20.484	ng/ul#	85
10) 2-Chlorophenol	7.53	128	566946	20.133	ng/ul#	89
11) 2-Methylphenol	8.40	108	568511	19.720	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1100320	22.679	ng/ul#	91
14) Acetophenone	8.79	105	916524	20.052	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.77	70	526374	21.461	ng/ul#	76
16) 4-Methylphenol	8.73	108	635631	20.151	ng/ul	91
17) Hexachloroethane	9.05	117	219099	20.353	ng/ul#	78
20) Nitrobenzene	9.17	77	709168	21.651	ng/ul	95
21) Isophorone	9.70	82	1373321	20.824	ng/ul#	97
23) 2-Nitrophenol	9.89	139	308660	20.286	ng/ul#	89
24) 2,4-Dimethylphenol	9.94	107	668902	20.547	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.17	93	867405	20.171	ng/ul	99
27) 2,4-Dichlorophenol	10.42	162	557790	19.846	ng/ul	97
28) Naphthalene	10.83	128	1902891	19.998	ng/ul	98
30) 4-Chloroaniline	10.93	127	716488	23.441	ng/ul	97
31) Hexachlorobutadiene	11.10	225	322397	20.211	ng/ul	96
33) 4-Chloro-3-methylphenol	12.05	107	606258	20.346	ng/ul	96
34) 2-Methylnaphthalene	12.43	142	1403140	19.856	ng/ul	99
35) 1-Methylnaphthalene	12.65	142	1345940	19.998	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	653021	20.262	ng/ul#	96
38) Hexachlorocyclopentadiene	12.77	237	332701	18.417	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.03	196	428476	19.527	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	449179	20.189	ng/ul	98
41) 1,1'-Biphenyl	13.43	154	1789210	19.790	ng/ul#	94
42) 2-Chloronaphthalene	13.48	162	1355149	19.921	ng/ul	98
43) 2-Nitroaniline	13.68	65	459048	21.726	ng/ul#	80
45) Dimethylphthalate	14.05	163	1711568	19.463	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	310235	19.975	ng/ul	93
48) Acenaphthylene	14.33	152	2246233	20.090	ng/ul	99
49) 3-Nitroaniline	14.50	138	351523	18.355	ng/ul	99
50) Acenaphthene	14.66	153	1508360	19.966	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	150702	15.705	ng/ul#	61
53) 4-Nitrophenol	14.80	109	219938	19.825	ng/ul#	62
54) Dibenzofuran	15.00	168	2103976	19.911	ng/ul	98
55) 2,4-Dinitrotoluene	14.96	165	454613	19.912	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	15.22	232	404297	19.938	ng/ul#	77
57) Diethylphthalate	15.41	149	1788493	19.543	ng/ul	95
59) Fluorene	15.65	166	1802499	20.353	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	842484	20.303	ng/ul	91
61) 4-Nitroaniline	15.66	138	372554	18.161	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.72	198	255878	17.600	ng/ul#	91
65) N-Nitrosodiphenylamine	15.85	169	1461705	19.679	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	487787	19.585	ng/ul#	93
67) Hexachlorobenzene	16.64	284	530435	19.348	ng/ul#	88
68) Atrazine	16.79	200	497871	19.346	ng/ul	98
69) Pentachlorophenol	16.99	266	305444	17.351	ng/ul	97
70) Phenanthrene	17.38	178	2739142	20.153	ng/ul	100
72) Anthracene	17.47	178	2864647	20.540	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	653129	20.100	ng/uL	98
74) Pentachlorobenzene	14.92	250	655551	19.892	ng/uL	98
75) Carbazole	17.74	167	2503185	21.038	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3213928	20.565	ng/ul	99
77) Fluoranthene	19.39	202	3148157	22.519	ng/ul#	87
80) Pyrene	19.75	202	3399736	20.432	ng/ul#	85
81) Butylbenzylphthalate	20.63	149	1461707	19.102	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.42	252	988634	19.088	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3242396	20.648	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2228795	18.966	ng/ul#	96
85) Chrysene	21.54	228	2905371	20.409	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	3894069	22.145	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3081130	20.671	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	2897748	20.242	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	2888980	20.534	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.31	276	2955932	19.099	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.32	278	2500682	19.055	ng/ul#	94
94) Benzo(g,h,i)perylene	27.06	276	2347343	18.728	ng/ul#	89

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

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