

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091117\
 Data File : BM011498.D
 Acq On : 11 Sep 2017 16:02
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02012

Manual Integrations
 APPROVED

Sohil
 9/12/2017 2:21:59 PM

Quant Time: Sep 11 17:59:12 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 16:23:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	428267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1969076	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1194171	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2673755	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3168042	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2909404	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	80954	8.50	ng/uL	0.00
5) Phenol-d5	7.12	99	797769	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	559544	20.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	617723	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	635848	19.81	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	296340	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	300096	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	621208	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	744864	21.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	1997328	19.78	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2428060	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	345261	18.20	ng/ul	0.00
58) Fluorene-d10	15.60	176	1744800	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	272172	17.49	ng/ul	0.00
71) Anthracene-d10	17.44	188	2674810	20.32	ng/ul	0.00
79) Pyrene-d10	19.73	212	2935800	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2759639	19.90	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.43	88	87677	8.402	ng/uL#	77
4) Benzaldehyde	7.12	77	439959	18.723	ng/ul	95
6) Phenol	7.15	94	796420	19.510	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.39	93	640375	19.927	ng/ul#	86
10) 2-Chlorophenol	7.54	128	601086	19.882	ng/ul	94
11) 2-Methylphenol	8.41	108	595819	19.251	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.51	45	1084114	20.813	ng/ul#	93
14) Acetophenone	8.80	105	984170	20.056	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.78	70	536610	20.379	ng/ul#	79
16) 4-Methylphenol	8.74	108	670064	19.786	ng/ul	92
17) Hexachloroethane	9.06	117	232563	20.122	ng/ul#	80
20) Nitrobenzene	9.18	77	714835	20.338	ng/ul	94
21) Isophorone	9.70	82	1427068	20.165	ng/ul	99
23) 2-Nitrophenol	9.89	139	325028	19.908	ng/ul#	93
24) 2,4-Dimethylphenol	9.95	107	703814	20.147	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.19	93	913954	19.807	ng/ul	99
27) 2,4-Dichlorophenol	10.43	162	600194	19.901	ng/ul	98
28) Naphthalene	10.83	128	2033140	19.912	ng/ul	98
30) 4-Chloroaniline	10.94	127	712224	21.715	ng/ul	98
31) Hexachlorobutadiene	11.12	225	345847	20.205	ng/ul	99
32) Caprolactam	11.71	113	183960m	19.377	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	642700	20.100	ng/ul	94
34) 2-Methylnaphthalene	12.44	142	1495645	19.724	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	1451246	20.095	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	703830	19.869	ng/ul#	96
38) Hexachlorocyclopentadiene	12.78	237	346568	17.455	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.04	196	465270	19.291	ng/ul	99
40) 2,4,5-Trichlorophenol	13.11	196	478004	19.547	ng/ul	98
41) 1,1'-Biphenyl	13.44	154	1972095	19.846	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	1467641	19.629	ng/ul	99
43) 2-Nitroaniline	13.69	65	467433	20.128	ng/ul	83
45) Dimethylphthalate	14.06	163	1894433	19.600	ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	338297	19.818	ng/ul	96
48) Acenaphthylene	14.33	152	2477202	20.158	ng/ul	99
49) 3-Nitroaniline	14.51	138	398429	18.929	ng/ul	98
50) Acenaphthene	14.67	153	1644569	19.806	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	174636	16.558	ng/ul#	71
53) 4-Nitrophenol	14.80	109	225377	18.483	ng/ul#	49
54) Dibenzofuran	15.00	168	2312323	19.909	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	500567	19.948	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.23	232	439588	19.724	ng/ul#	80
57) Diethylphthalate	15.42	149	1990113	19.785	ng/ul	96
59) Fluorene	15.65	166	1990001	20.444	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	932581	20.448	ng/ul	94
61) 4-Nitroaniline	15.67	138	426840	18.931	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.72	198	286150	17.949	ng/ul	94
65) N-Nitrosodiphenylamine	15.85	169	1642713	20.170	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	541168	19.816	ng/ul#	93
67) Hexachlorobenzene	16.65	284	594636	19.781	ng/ul#	88
68) Atrazine	16.80	200	543127	19.247	ng/ul	96
69) Pentachlorophenol	16.99	266	345740	17.912	ng/ul	98
70) Phenanthrene	17.39	178	3042711	20.416	ng/ul	99
72) Anthracene	17.48	178	3183862	20.820	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	709233	19.906	ng/uL	97
74) Pentachlorobenzene	14.92	250	715682	19.805	ng/uL	98
75) Carbazole	17.74	167	2778007	21.293	ng/ul	99
76) Di-n-butylphthalate	18.30	149	3618143	21.113	ng/ul	99
77) Fluoranthene	19.39	202	3499113	22.827	ng/ul#	87
80) Pyrene	19.76	202	3767007	20.380	ng/ul#	85
81) Butylbenzylphthalate	20.64	149	1643514	19.335	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.42	252	1160288	20.167	ng/ul#	96
83) Benzo(a)anthracene	21.49	228	3603651	20.659	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2547751	19.517	ng/ul#	96
85) Chrysene	21.54	228	3221742	20.373	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	4368689	21.158	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3496513	19.977	ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	3346311	19.907	ng/ul#	96
91) Benzo(a)pyrene	23.78	252	3346968	20.259	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.32	276	3676401	20.230	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.33	278	3137179	20.358	ng/ul#	94
94) Benzo(g,h,i)perylene	27.07	276	2950831	20.050	ng/ul#	89

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

