

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011929.D
 Acq On : 05 Oct 2017 17:43
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:36:55 PM

Quant Time: Oct 06 15:43:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	246968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	998987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	548379	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1125925	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1117699	20.00	ng/ul	0.00
83) Perylene-d12	23.75	264	1152075	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	45518	8.72	ng/uL	0.00
5) Phenol-d5	7.02	99	401396	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	250477	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	356551	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	333472	18.16	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	163449	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	185338	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	348181	21.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	401143	22.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	947108	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1202879	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	137216	16.53	ng/ul	0.00
57) Fluorene-d10	15.50	176	814239	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	144629	19.09	ng/ul	0.00
70) Anthracene-d10	17.36	188	1170085	21.09	ng/ul	0.00
76) Pyrene-d10	19.64	212	1234736	24.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	1175829	21.22	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.32	88	45945	8.659	ng/uL#	73
4) Benzaldehyde	7.01	77	232155	21.926	ng/ul	92
6) Phenol	7.05	94	398622	18.959	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.29	93	311641	19.740	ng/ul	98
10) 2-Chlorophenol	7.43	128	343721	20.635	ng/ul	98
11) 2-Methylphenol	8.31	108	299365	18.721	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	398082	19.716	ng/ul#	88
14) Acetophenone	8.69	105	495865	18.449	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.67	70	264774	19.250	ng/ul#	70
16) 4-Methylphenol	8.63	108	324568	18.133	ng/ul	92
17) Hexachloroethane	8.95	117	145482	21.768	ng/ul#	80
20) Nitrobenzene	9.07	77	390113	22.698	ng/ul	93
21) Isophorone	9.60	82	670730	20.928	ng/ul#	94
23) 2-Nitrophenol	9.79	139	194077	23.045	ng/ul#	77
24) 2,4-Dimethylphenol	9.84	107	377884	20.921	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.08	93	412922	20.982	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	330792	21.169	ng/ul	90
28) Naphthalene	10.72	128	1044448	20.842	ng/ul	99
30) 4-Chloroaniline	10.83	127	381027	21.976	ng/ul	95
31) Hexachlorobutadiene	11.00	225	250633	21.862	ng/ul	95
32) Caprolactam	11.61	113	85862m	16.760	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	322350	18.978	ng/ul	94
34) 2-Methylnaphthalene	12.33	142	762504	19.954	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	428505	23.035	ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	227498	21.011	ng/ul	97
38) 2,4,6-Trichlorophenol	12.94	196	268771	22.747	ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	276496	22.234	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	957422	21.837	ng/ul	98
41) 2-Chloronaphthalene	13.39	162	761966	22.210	ng/ul	99
42) 2-Nitroaniline	13.60	65	189919	21.807	ng/ul	92
44) Dimethylphthalate	13.96	163	900255	19.689	ng/ul	99
45) 2,6-Dinitrotoluene	14.09	165	181621	21.068	ng/ul	91
47) Acenaphthylene	14.23	152	1160008	21.421	ng/ul	99
48) 3-Nitroaniline	14.42	138	145016	18.109	ng/ul	88
49) Acenaphthene	14.57	153	780112	20.818	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	89645	15.735	ng/ul	96
52) 4-Nitrophenol	14.72	109	109854	16.554	ng/ul#	79
53) Dibenzofuran	14.91	168	1103808	20.296	ng/ul	100
54) 2,4-Dinitrotoluene	14.88	165	245617	19.270	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.14	232	236749	19.495	ng/ul	93
56) Diethylphthalate	15.33	149	875102	18.856	ng/ul	95
58) Fluorene	15.56	166	882442	19.430	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.55	204	467091	19.446	ng/ul	98
60) 4-Nitroaniline	15.58	138	145533	15.601	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.64	198	149159	19.270	ng/ul#	88
64) N-Nitrosodiphenylamine	15.76	169	730175	22.450	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	278530	22.085	ng/ul	95
66) Hexachlorobenzene	16.56	284	306353	21.726	ng/ul#	90
67) Atrazine	16.71	200	258422	20.069	ng/ul	92
68) Pentachlorophenol	16.90	266	169434	19.101	ng/ul	97
69) Phenanthrene	17.30	178	1274092	20.572	ng/ul	99
71) Anthracene	17.39	178	1312822	20.833	ng/ul	99
72) Carbazole	17.66	167	1054745	19.322	ng/ul	99
73) Di-n-butylphthalate	18.21	149	1331389	20.355	ng/ul#	97
74) Fluoranthene	19.31	202	1437339	19.021	ng/ul#	90
77) Pyrene	19.67	202	1512568	24.407	ng/ul#	89
78) Butylbenzylphthalate	20.56	149	598753	24.664	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.34	252	453840	21.811	ng/ul#	95
80) Benzo(a)anthracene	21.41	228	1416333	22.120	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	841548	23.301	ng/ul#	96
82) Chrysene	21.46	228	1335772	21.956	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	1443066	21.440	ng/ul	99
85) Benzo(b)fluoranthene	23.05	252	1468287	20.967	ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	1392431	19.917	ng/ul#	98
88) Benzo(a)pyrene	23.65	252	1427305	21.212	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.13	276	1694971	23.539	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.14	278	1416063	23.934	ng/ul#	95
91) Benzo(g,h,i)perylene	26.87	276	1467591	24.639	ng/ul#	94

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

