

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013402.D
 Acq On : 14 Dec 2017 08:03
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02036

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:49 PM

Quant Time: Dec 14 11:02:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 06:00:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	150054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	641620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	421011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1111968	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1333428	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1191812	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	25918	8.55	ng/uL	0.00
5) Phenol-d5	6.86	99	240270	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	138864	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	188922	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	200944	18.12	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	99507	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	107927	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	222978	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	249381	24.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	729100	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	906975	19.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	118967	18.28	ng/ul	0.00
57) Fluorene-d10	15.32	176	644865	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	120759	17.26	ng/ul	0.00
70) Anthracene-d10	17.17	188	1097312	19.70	ng/ul	0.00
76) Pyrene-d10	19.47	212	1306852	19.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1225415	20.19	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	25397	7.467	ng/uL#	65
4) Benzaldehyde	6.83	77	129753	20.198	ng/ul	93
6) Phenol	6.89	94	235905	18.381	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.12	93	183752	18.726	ng/ul	97
10) 2-Chlorophenol	7.25	128	193328	19.434	ng/ul	95
11) 2-Methylphenol	8.12	108	179989	18.133	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.20	45	194844m	18.911	ng/ul	
14) Acetophenone	8.50	105	310581	18.413	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.49	70	153511	18.068	ng/ul#	70
16) 4-Methylphenol	8.45	108	193290	18.210	ng/ul	93
17) Hexachloroethane	8.75	117	85807	19.812	ng/ul#	69
20) Nitrobenzene	8.87	77	251323	19.608	ng/ul	97
21) Isophorone	9.40	82	426080	18.891	ng/ul#	92
23) 2-Nitrophenol	9.58	139	111157	19.689	ng/ul	87
24) 2,4-Dimethylphenol	9.65	107	223385	18.142	ng/ul	87
25) Bis(2-Chloroethoxy)methane	9.89	93	255341	19.344	ng/ul	96
27) 2,4-Dichlorophenol	10.11	162	205187	19.795	ng/ul	95
28) Naphthalene	10.51	128	650734	19.713	ng/ul	98
30) 4-Chloroaniline	10.63	127	238944	23.930	ng/ul	96
31) Hexachlorobutadiene	10.79	225	148571	19.787	ng/ul	94
32) Caprolactam	11.40	113	65622m	19.808	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	228846	20.125	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	489784	19.737	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	292472	19.252	ng/ul	95
37) Hexachlorocyclopentadiene	12.47	237	241170	24.119	ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	183803	19.407	ng/ul	95
39) 2,4,5-Trichlorophenol	12.82	196	193008	19.185	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	677162	19.031	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	532296	19.068	ng/ul	97
42) 2-Nitroaniline	13.40	65	164367	20.097	ng/ul	93
44) Dimethylphthalate	13.79	163	685849	19.140	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	143561	19.644	ng/ul#	98
47) Acenaphthylene	14.04	152	836288	19.547	ng/ul	99
48) 3-Nitroaniline	14.24	138	138576	21.214	ng/ul	91
49) Acenaphthene	14.39	153	572106	19.630	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	83167	20.564	ng/ul	92
52) 4-Nitrophenol	14.56	109	121456	19.020	ng/ul#	81
53) Dibenzofuran	14.72	168	846530	19.675	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	224395	21.108	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.95	232	192377	20.856	ng/ul	93
56) Diethylphthalate	15.16	149	716930	19.949	ng/ul	94
58) Fluorene	15.37	166	706893	19.860	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	379132	19.625	ng/ul	97
60) 4-Nitroaniline	15.40	138	161026	20.893	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.46	198	122138	17.472	ng/ul#	99
64) N-Nitrosodiphenylamine	15.59	169	615437	18.789	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	244379	18.695	ng/ul	95
66) Hexachlorobenzene	16.38	284	268683	18.639	ng/ul	92
67) Atrazine	16.54	200	246534	20.391	ng/ul	95
68) Pentachlorophenol	16.73	266	144041	17.276	ng/ul	95
69) Phenanthrene	17.12	178	1223758	19.372	ng/ul	98
71) Anthracene	17.20	178	1246626	19.306	ng/ul	99
72) Carbazole	17.48	167	1078451	19.417	ng/ul	100
73) Di-n-butylphthalate	18.04	149	1311000	20.219	ng/ul	99
74) Fluoranthene	19.13	202	1566224	20.231	ng/ul#	93
77) Pyrene	19.50	202	1613776	19.921	ng/ul#	94
78) Butylbenzylphthalate	20.41	149	651713	20.590	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.19	252	505806	18.045	ng/ul#	96
80) Benzo(a)anthracene	21.25	228	1640739	19.393	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.19	149	962665	20.178	ng/ul	99
82) Chrysene	21.30	228	1535901	19.568	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1650596	19.476	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1603611	19.960	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1495891	19.785	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1441812	19.978	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1511821	21.112	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.73	278	1279344	20.981	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	1215547	21.520	ng/ul#	94

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

