

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111317\
 Data File : BM012960.D
 Acq On : 14 Nov 2017 06:14
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

SOHIL
 11/14/2017 5:24:28 PM

Quant Time: Nov 14 08:17:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:22:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	92778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	379401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	234588	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	551256	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	594391	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	607019	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	14560	8.48	ng/uL	0.00
5) Phenol-d5	6.96	99	139950	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	77167	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	111030	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	118364	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	53791	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	62147	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	126396	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	145422	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	376769	19.41	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	467190	19.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	54265	17.45	ng/ul	0.00
57) Fluorene-d10	15.42	176	319783	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	58759	16.14	ng/ul	0.00
70) Anthracene-d10	17.26	188	501705	18.84	ng/ul	0.00
78) Pyrene-d10	19.56	212	538063	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	544231	18.96	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.31	88	14636	7.592	ng/uL	93
4) Benzaldehyde	6.93	77	87659	23.875	ng/ul	97
6) Phenol	6.98	94	144995	20.461	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	113589	21.384	ng/ul	96
10) 2-Chlorophenol	7.35	128	115972	19.577	ng/ul	97
11) 2-Methylphenol	8.23	108	109229	20.256	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.31	45	69535	15.844	ng/ul#	80
14) Acetophenone	8.60	105	181403	20.232	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	90710	21.045	ng/ul	92
16) 4-Methylphenol	8.55	108	121981	20.842	ng/ul	98
17) Hexachloroethane	8.85	117	46853	19.649	ng/ul#	82
20) Nitrobenzene	8.98	77	130460	19.773	ng/ul	97
21) Isophorone	9.50	82	241794	20.351	ng/ul	100
23) 2-Nitrophenol	9.69	139	65906	19.083	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	137526	19.579	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	153424	20.715	ng/ul	98
27) 2,4-Dichlorophenol	10.22	162	122916	19.180	ng/ul	98
28) Naphthalene	10.62	128	367835	19.392	ng/ul	99
30) 4-Chloroaniline	10.73	127	146921	23.029	ng/ul	100
31) Hexachlorobutadiene	10.89	225	88687	17.596	ng/ul	99
32) Caprolactam	11.52	113	36517m	20.261	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	125408	20.125	ng/ul	97
34) 2-Methylnaphthalene	12.23	142	280207	19.330	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	166572	18.342	ng/ul#	98
37) Hexachlorocyclopentadiene	12.57	237	14579	3.152	ng/ul	98
38) 2,4,6-Trichlorophenol	12.85	196	105842	18.443	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	109810	18.340	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	373699	19.259	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	295250	19.259	ng/ul	93
42) 2-Nitroaniline	13.50	65	71741	19.806	ng/ul	95
44) Dimethylphthalate	13.87	163	375871	19.512	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	75872	19.676	ng/ul	99
47) Acenaphthylene	14.14	152	462474	19.869	ng/ul	99
48) 3-Nitroaniline	14.33	138	70609	21.716	ng/ul	95
49) Acenaphthene	14.48	153	304721	19.219	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	29839	12.389	ng/ul#	86
52) 4-Nitrophenol	14.66	109	42801	15.595	ng/ul	93
53) Dibenzofuran	14.82	168	454163	19.640	ng/ul	90
54) 2,4-Dinitrotoluene	14.80	165	112868	19.903	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.05	232	102135	18.376	ng/ul#	87
56) Diethylphthalate	15.24	149	361857	19.340	ng/ul	98
58) Fluorene	15.47	166	372784	19.406	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	198412	18.589	ng/ul#	86
60) 4-Nitroaniline	15.50	138	76589	20.236	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	61966	16.171	ng/ul	93
64) N-Nitrosodiphenylamine	15.68	169	322990	19.406	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	133624	18.658	ng/ul#	84
66) Hexachlorobenzene	16.47	284	151617	18.749	ng/ul#	86
67) Atrazine	16.63	200	125716	18.920	ng/ul	98
68) Pentachlorophenol	16.83	266	71179	15.406	ng/ul	100
69) Phenanthrene	17.21	178	582240	19.324	ng/ul	99
71) Anthracene	17.30	178	611441	19.572	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	163039	18.094	ng/ul	99
73) Pentachlorobenzene	14.74	250	169780	18.413	ng/ul	100
74) Carbazole	17.57	167	503619	19.328	ng/ul	98
75) Di-n-butylphthalate	18.13	149	598511	19.604	ng/ul	99
76) Fluoranthene	19.23	202	680199	18.786	ng/ul#	95
79) Pvrene	19.59	202	704707	19.871	ng/ul	94
80) Butylbenzylphthalate	20.49	149	255126	19.728	ng/ul#	95
81) 3,3'-Dichlorobenzidine	21.27	252	239990	18.255	ng/ul#	98
82) Benzo(a)anthracene	21.34	228	683824	19.012	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	376478	19.983	ng/ul#	96
84) Chrysene	21.39	228	616169	18.903	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	629711	19.721	ng/ul#	96
87) Benzo(b)fluoranthene	22.94	252	709407	19.124	ng/ul#	97
88) Benzo(k)fluoranthene	22.99	252	664702	18.851	ng/ul#	96
90) Benzo(a)pyrene	23.53	252	675237	19.130	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.93	276	833807	19.600	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.93	278	697944	19.380	ng/ul#	94
93) Benzo(g,h,i)perylene	26.64	276	686361	19.580	ng/ul#	91

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

