

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015561.D
 Acq On : 08 Jun 2018 12:14
 Operator : SJ/JU
 Sample : SSTD08095
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08095

Manual Integrations
 APPROVED

Sohil
 6/11/2018 3:59:10 PM

Quant Time: Jun 08 12:53:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 08 11:55:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	112889	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	577914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	366789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	873533	20.00	ng/ul	0.00
77) Chrysene-d12	21.80	240	1095573	20.00	ng/ul	0.00
85) Perylene-d12	24.21	264	1176655	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	69606	29.67	ng/uL	0.00
5) Phenol-d5	7.49	99	897522	99.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	511704	90.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	715803	96.37	ng/ul	0.00
13) 4-Methylphenol-d8	9.07	113	767757	104.39	ng/ul	0.01
19) Nitrobenzene-d5	9.54	128	354750	95.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	413467	123.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	784174	91.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	765009	79.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	2489858	85.92	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	2880129	78.24	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	515543	109.61	ng/ul	0.02
57) Fluorene-d10	15.95	176	2108541	84.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.09	200	483257	129.60	ng/ul	0.02
70) Anthracene-d10	17.79	188	3406871	82.79	ng/ul	0.00
78) Pyrene-d10	20.04	212	3891562	69.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.07	264	5049638	87.40	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.58	88	72936	28.868	ng/uL	87
4) Benzaldehyde	7.47	77	325850	63.307	ng/ul	91
6) Phenol	7.52	94	926521	105.386	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.76	93	655064	94.272	ng/ul#	88
10) 2-Chlorophenol	7.90	128	728678	99.342	ng/ul#	91
11) 2-Methylphenol	8.79	108	710332	106.104	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.88	45	1076707	83.593	ng/ul#	86
14) Acetophenone	9.19	105	1155830	106.246	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.18	70	640755	110.083	ng/ul#	74
16) 4-Methylphenol	9.13	108	780267	108.444	ng/ul	99
17) Hexachloroethane	9.44	117	270451	90.984	ng/ul	98
20) Nitrobenzene	9.58	77	912150	96.240	ng/ul	92
21) Isophorone	10.11	82	1776338	95.984	ng/ul	99
23) 2-Nitrophenol	10.29	139	448970	115.383	ng/ul#	90
24) 2,4-Dimethylphenol	10.34	107	928716	94.470	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.57	93	999751	87.799	ng/ul	99
27) 2,4-Dichlorophenol	10.83	162	771098	96.315	ng/ul	98
28) Naphthalene	11.23	128	2372482	84.208	ng/ul	100
30) 4-Chloroaniline	11.34	127	804160	87.210	ng/ul	100
31) Hexachlorobutadiene	11.49	225	431632	80.778	ng/ul	99
32) Caprolactam	12.15	113	286322m	119.452	ng/ul	
33) 4-Chloro-3-methylphenol	12.45	107	901533	105.853	ng/ul	98
34) 2-Methylnaphthalene	12.82	142	1844576	91.777	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	901994	77.471	ng/ul	100
37) Hexachlorocyclopentadiene	13.14	237	431030	55.552	ng/ul	99
38) 2,4,6-Trichlorophenol	13.42	196	641463	92.758	ng/ul	100
39) 2,4,5-Trichlorophenol	13.49	196	691061	95.395	ng/ul	99
40) 1,1'-Biphenyl	13.81	154	2397759	81.630	ng/ul	98
41) 2-Chloronaphthalene	13.86	162	1868092	82.067	ng/ul	98
42) 2-Nitroaniline	14.06	65	665289	125.429	ng/ul#	80
44) Dimethylphthalate	14.42	163	2535484	90.799	ng/ul	99
45) 2,6-Dinitrotoluene	14.55	165	546209	121.110	ng/ul#	88
47) Acenaphthylene	14.70	152	2934077	84.039	ng/ul	99
48) 3-Nitroaniline	14.88	138	524823	115.200	ng/ul	95
49) Acenaphthene	15.03	153	2101467	86.210	ng/ul	98
50) 2,4-Dinitrophenol	15.09	184	334925	171.592	ng/ul#	1
52) 4-Nitrophenol	15.18	109	447238	125.094	ng/ul	87
53) Dibenzofuran	15.36	168	2889028	86.368	ng/ul	100
54) 2,4-Dinitrotoluene	15.34	165	817377	125.546	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.59	232	626977	101.735	ng/ul	98
56) Diethylphthalate	15.76	149	2690250	96.297	ng/ul	100
58) Fluorene	16.00	166	2463843	90.424	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.99	204	1223300	87.656	ng/ul	95
60) 4-Nitroaniline	16.04	138	633222	123.049	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.10	198	510563	126.844	ng/ul	94
64) N-Nitrosodiphenylamine	16.20	169	2162978	82.880	ng/ul	99
65) 4-Bromophenyl-phenylether	16.87	248	778269	79.471	ng/ul	93
66) Hexachlorobenzene	17.00	284	886506	80.958	ng/ul	96
67) Atrazine	17.14	200	780122	85.822	ng/ul	98
68) Pentachlorophenol	17.34	266	539254	93.707	ng/ul	99
69) Phenanthrene	17.73	178	3995861	85.379	ng/ul	100
71) Anthracene	17.83	178	4155081	87.199	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.78	216	926590	69.187	ng/ul	99
73) Pentachlorobenzene	15.28	250	938729	72.760	ng/ul	99
74) Carbazole	18.09	167	3774267	95.675	ng/ul	99
75) Di-n-butylphthalate	18.61	149	4862855	99.297	ng/ul	99
76) Fluoranthene	19.71	202	4916385	101.570	ng/ul	97
79) Pvrene	20.07	202	5042509	73.669	ng/ul	99
80) Butylbenzylphthalate	20.92	149	2498624	104.296	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.70	252	1906632	96.154	ng/ul	99
82) Benzo(a)anthracene	21.78	228	5495158	85.540	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	3655742	102.326	ng/ul	100
84) Chrysene	21.84	228	5090180	84.843	ng/ul	99
86) Di-n-octyl phthalate	22.59	149	6410273	92.889	ng/ul#	88
87) Benzo(b)fluoranthene	23.49	252	5791917	82.050	ng/ul	99
88) Benzo(k)fluoranthene	23.53	252	5756589	84.739	ng/ul	99
90) Benzo(a)pyrene	24.12	252	5724812	86.649	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.74	276	6819394	92.034	ng/ul	99
92) Dibenzo(a,h)anthracene	26.74	278	5778962	93.008	ng/ul	99
93) Benzo(g,h,i)perylene	27.51	276	5543963	92.030	ng/ul	98

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

