

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015558.D
 Acq On : 08 Jun 2018 10:23
 Operator : SJ/JU
 Sample : SSTD01092
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01092

Manual Integrations
 APPROVED

Sohil
 6/11/2018 3:59:09 PM

Quant Time: Jun 08 12:01:08 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	78530	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	390712	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	257126	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	636317	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	782430	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	857520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	6474	3.97	ng/uL	0.00
5) Phenol-d5	7.49	99	58205	9.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	40722	10.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	48698	9.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	51414	10.05	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	23742	9.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	25238	11.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	52594	9.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	57275	8.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	202341	9.96	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	209259	8.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	33624	10.20	ng/ul	0.00
57) Fluorene-d10	15.94	176	172073	9.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	28159	10.37	ng/ul	0.00
70) Anthracene-d10	17.78	188	272267	9.08	ng/ul	0.00
78) Pyrene-d10	20.03	212	318084	8.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.05	264	404097	9.60	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.59	88	6933m	3.945	ng/uL
4) Benzaldehyde	7.48	77	40957	11.439	ng/ul
6) Phenol	7.52	94	63768	10.427	ng/ul#
8) Bis(2-Chloroethyl)ether	7.76	93	50858	10.521	ng/ul#
10) 2-Chlorophenol	7.90	128	50594	9.915	ng/ul
11) 2-Methylphenol	8.79	108	48092	10.327	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.87	45	87068	9.717	ng/ul#
14) Acetophenone	9.19	105	86756	11.464	ng/ul#
15) N-Nitroso-di-n-propylamine	9.16	70	45261	11.178	ng/ul#
16) 4-Methylphenol	9.12	108	54451	10.879	ng/ul
17) Hexachloroethane	9.43	117	20684	10.003	ng/ul
20) Nitrobenzene	9.57	77	66552	10.386	ng/ul
21) Isophorone	10.09	82	123072	9.836	ng/ul
23) 2-Nitrophenol	10.29	139	28735	10.923	ng/ul
24) 2,4-Dimethylphenol	10.33	107	66999	10.081	ng/ul
25) Bis(2-Chloroethoxy)methane	10.57	93	77378	10.051	ng/ul
27) 2,4-Dichlorophenol	10.82	162	53890	9.956	ng/ul
28) Naphthalene	11.23	128	186380	9.785	ng/ul
30) 4-Chloroaniline	11.34	127	59990	9.623	ng/ul
31) Hexachlorobutadiene	11.49	225	34188	9.464	ng/ul
32) Caprolactam	12.10	113	17613	10.869	ng/ul#
33) 4-Chloro-3-methylphenol	12.43	107	62833	10.912	ng/ul
34) 2-Methylnaphthalene	12.81	142	140335	10.328	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	69600	8.527	ng/ul	98
37) Hexachlorocyclopentadiene	13.14	237	14180	2.607	ng/ul	95
38) 2,4,6-Trichlorophenol	13.41	196	44151	9.107	ng/ul	99
39) 2,4,5-Trichlorophenol	13.49	196	49042	9.657	ng/ul	98
40) 1,1'-Biphenyl	13.80	154	188923	9.175	ng/ul	100
41) 2-Chloronaphthalene	13.85	162	146905	9.206	ng/ul	98
42) 2-Nitroaniline	14.06	65	40733	10.955	ng/ul#	78
44) Dimethylphthalate	14.40	163	208233	10.638	ng/ul	98
45) 2,6-Dinitrotoluene	14.54	165	34264	10.837	ng/ul#	81
47) Acenaphthylene	14.69	152	226195	9.242	ng/ul	100
48) 3-Nitroaniline	14.87	138	31795	9.956	ng/ul	87
49) Acenaphthene	15.03	153	167372	9.795	ng/ul	97
50) 2,4-Dinitrophenol	15.09	184	15425	11.273	ng/ul#	1
52) 4-Nitrophenol	15.16	109	31039	12.384	ng/ul#	79
53) Dibenzofuran	15.36	168	239012	10.193	ng/ul	100
54) 2,4-Dinitrotoluene	15.33	165	56365	12.350	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.58	232	43696	10.114	ng/ul	99
56) Diethylphthalate	15.75	149	214501	10.953	ng/ul	99
58) Fluorene	16.00	166	196686	10.297	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	97851	10.002	ng/ul	96
60) 4-Nitroaniline	16.03	138	41098	11.392	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.09	198	32524	11.093	ng/ul#	84
64) N-Nitrosodiphenylamine	16.20	169	171380	9.015	ng/ul	100
65) 4-Bromophenyl-phenylether	16.87	248	60015	8.413	ng/ul	98
66) Hexachlorobenzene	16.99	284	71071	8.910	ng/ul	99
67) Atrazine	17.13	200	64809	9.788	ng/ul	96
68) Pentachlorophenol	17.33	266	33342	7.954	ng/ul	96
69) Phenanthrene	17.73	178	331863	9.734	ng/ul	99
71) Anthracene	17.82	178	336238	9.687	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	72834	7.466	ng/ul	99
73) Pentachlorobenzene	15.27	250	76251	8.113	ng/ul	96
74) Carbazole	18.08	167	303624	10.566	ng/ul	98
75) Di-n-butylphthalate	18.60	149	361914	10.145	ng/ul	99
76) Fluoranthene	19.70	202	399798	11.339	ng/ul	99
79) Pvrene	20.06	202	417516	8.541	ng/ul	99
80) Butylbenzylphthalate	20.91	149	173636	10.148	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.69	252	131572	9.291	ng/ul	97
82) Benzo(a)anthracene	21.77	228	449933	9.807	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	256077	10.036	ng/ul	98
84) Chrysene	21.83	228	424116	9.898	ng/ul	99
86) Di-n-octyl phthalate	22.58	149	457577	9.098	ng/ul#	87
87) Benzo(b)fluoranthene	23.47	252	485869	9.445	ng/ul	98
88) Benzo(k)fluoranthene	23.51	252	451718	9.124	ng/ul	98
90) Benzo(a)pyrene	24.10	252	454844	9.446	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.69	276	550647	10.197	ng/ul	96
92) Dibenzo(a,h)anthracene	26.70	278	468624	10.349	ng/ul	97
93) Benzo(g,h,i)perylene	27.46	276	482984	11.001	ng/ul	96

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

