

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
 Data File : BM016997.D
 Acq On : 04 Oct 2018 12:52
 Operator : MJ/SJ
 Sample : SSTD04045
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04045

Manual Integrations
 APPROVED

Sohil
 10/5/2018 5:27:49 PM

Quant Time: Oct 04 13:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 13:06:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	184353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	813433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	453686	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1022955	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	1195241	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1230873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	57859	13.42	ng/uL	0.00
5) Phenol-d5	6.87	99	635578	40.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	382836	39.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	536749	42.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	503876	41.88	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	254891	47.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	267736	55.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	524821	42.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	654619	43.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	1464354	40.20	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	1934553	41.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	288450	48.25	ng/ul	0.00
58) Fluorene-d10	15.34	176	1300755	40.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	253484	60.36	ng/ul	0.00
71) Anthracene-d10	17.19	188	2016315	40.85	ng/ul	0.00
79) Pyrene-d10	19.49	212	2225092	38.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	2647242	41.23	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	59235	13.204	ng/uL 98
4) Benzaldehyde	6.85	77	400741	45.795	ng/ul 94
6) Phenol	6.90	94	637520	41.074	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.13	93	489424	40.954	ng/ul 99
10) 2-Chlorophenol	7.27	128	527705	41.400	ng/ul 99
11) 2-Methylphenol	8.14	108	478999	41.176	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	702482	37.172	ng/ul 98
14) Acetophenone	8.52	105	801819	42.996	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	381520	40.883	ng/ul 99
16) 4-Methylphenol	8.47	108	520258	42.310	ng/ul 98
17) Hexachloroethane	8.77	117	211335	42.212	ng/ul 99
20) Nitrobenzene	8.90	77	579002	42.826	ng/ul 98
21) Isophorone	9.42	82	1058133	39.381	ng/ul 98
23) 2-Nitrophenol	9.60	139	296397	52.835	ng/ul 97
24) 2,4-Dimethylphenol	9.66	107	572264	39.532	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.90	93	671316	40.421	ng/ul 100
27) 2,4-Dichlorophenol	10.13	162	504596	42.532	ng/ul 99
28) Naphthalene	10.53	128	1695214	40.530	ng/ul 99
30) 4-Chloroaniline	10.64	127	663451	44.482	ng/ul 99
31) Hexachlorobutadiene	10.81	225	332978	41.580	ng/ul 97
32) Caprolactam	11.42	113	154236m	41.108	ng/ul
33) 4-Chloro-3-methylphenol	11.77	107	522134	41.991	ng/ul 99
34) 2-Methylnaphthalene	12.15	142	1215237	41.236	ng/ul 99

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35) 1-Methylnaphthalene	12.37	142	1178476	39.988	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	632367	40.585	ng/ul	97
38) Hexachlorocyclopentadiene	12.50	237	410765	42.340	ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	398716	44.938	ng/ul	97
40) 2,4,5-Trichlorophenol	12.83	196	428982	44.303	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	1534699	40.663	ng/ul	99
42) 2-Chloronaphthalene	13.21	162	1206613	40.851	ng/ul	98
43) 2-Nitroaniline	13.42	65	304079	46.734	ng/ul	96
45) Dimethylphthalate	13.80	163	1453070	40.814	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	285285	52.172	ng/ul	98
48) Acenaphthylene	14.06	152	1837000	41.250	ng/ul	99
49) 3-Nitroaniline	14.25	138	293772	49.404	ng/ul	98
50) Acenaphthene	14.40	153	1286046	40.674	ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	161026	65.833	ng/ul	96
53) 4-Nitrophenol	14.56	109	207886	45.125	ng/ul	98
54) Dibenzofuran	14.74	168	1795687	41.394	ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	443450	55.150	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.97	232	384133	49.046	ng/ul	99
57) Diethylphthalate	15.18	149	1440026	40.828	ng/ul	99
59) Fluorene	15.39	166	1470293	41.256	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	760300	42.075	ng/ul	98
61) 4-Nitroaniline	15.42	138	347201	47.534	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	271511	57.661	ng/ul	95
65) N-Nitrosodiphenylamine	15.60	169	1259823	39.814	ng/ul	100
66) 4-Bromophenyl-phenylether	16.29	248	474309	40.981	ng/ul	99
67) Hexachlorobenzene	16.39	284	525841	42.217	ng/ul	100
68) Atrazine	16.56	200	439008	39.255	ng/ul	98
69) Pentachlorophenol	16.74	266	321192	47.686	ng/ul	97
70) Phenanthrene	17.13	178	2318747	40.807	ng/ul	100
72) Anthracene	17.22	178	2403010	41.192	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	670416	39.598	ng/uL	100
74) Pentachlorobenzene	14.66	250	621625	40.702	ng/uL	100
75) Carbazole	17.49	167	2092596	40.806	ng/ul	100
76) Di-n-butylphthalate	18.07	149	2419024	40.544	ng/ul	100
77) Fluoranthene	19.15	202	2732913	41.957	ng/ul	98
80) Pvrene	19.52	202	2852660	38.869	ng/ul	99
81) Butylbenzylphthalate	20.43	149	1068838	39.380	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.20	252	926874	39.146	ng/ul	98
83) Benzo(a)anthracene	21.26	228	2932155	39.627	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	1626400	38.129	ng/ul	100
85) Chrysene	21.32	228	2785881	40.372	ng/ul	100
87) Di-n-octyl phthalate	22.08	149	2787414	37.692	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	3054874	41.465	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	2946246	41.647	ng/ul	99
91) Benzo(a)pyrene	23.41	252	2924597	41.645	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	3441595	41.082	ng/ul	100
93) Dibenzo(a,h)anthracene	25.75	278	2880824	41.110	ng/ul	100
94) Benzo(a,h,i)perylene	26.42	276	2860730	41.182	ng/ul	99

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

