

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016849.D
 Acq On : 22 Sep 2018 01:18
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02072

Manual Integrations
 APPROVED

Sohil
 9/24/2018 5:27:21 PM

Quant Time: Sep 22 03:54:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 02:21:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	234801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	980892	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	540704	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1224396	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1461712	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1549092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	40942	7.46	ng/uL	0.00
5) Phenol-d5	6.89	99	375469	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	234221	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	320316	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	293920	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	147855	22.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	143330	24.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	300623	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	379816	21.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	861018	19.83	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1118105	19.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	154893	21.74	ng/ul	0.00
58) Fluorene-d10	15.35	176	783735	20.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	119419	23.76	ng/ul	0.00
71) Anthracene-d10	17.20	188	1210136	20.49	ng/ul	0.00
79) Pyrene-d10	19.50	212	1358356	19.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1630770	20.18	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.30	88	46237	8.092	ng/uL#	81
4) Benzaldehyde	6.87	77	254321	22.818	ng/ul	90
6) Phenol	6.92	94	385058	19.478	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	297553	19.549	ng/ul	95
10) 2-Chlorophenol	7.29	128	326090	20.086	ng/ul	96
11) 2-Methylphenol	8.16	108	280012	18.899	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	401128	16.665	ng/ul	99
14) Acetophenone	8.53	105	471731	19.861	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.52	70	219221	18.444	ng/ul	94
16) 4-Methylphenol	8.48	108	302586	19.321	ng/ul	96
17) Hexachloroethane	8.79	117	128598	20.167	ng/ul	93
20) Nitrobenzene	8.91	77	334618	20.525	ng/ul#	90
21) Isophorone	9.43	82	579309	17.880	ng/ul	96
23) 2-Nitrophenol	9.62	139	164660	24.341	ng/ul	90
24) 2,4-Dimethylphenol	9.68	107	336004	19.248	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.92	93	389285	19.438	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	298972	20.898	ng/ul	98
28) Naphthalene	10.55	128	1024283	20.308	ng/ul	99
30) 4-Chloroaniline	10.66	127	385712	21.445	ng/ul	98
31) Hexachlorobutadiene	10.83	225	205628	21.294	ng/ul	99
32) Caprolactam	11.42	113	71818m	15.874	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	292889	19.534	ng/ul	93
34) 2-Methylnaphthalene	12.16	142	731601	20.587	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.16	142	731601	20.587	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	386051	20.789	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	228295	19.745	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.78	196	219264	20.735	ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	237892	20.614	ng/ul	99
41) 1,1'-Biphenyl	13.19	154	907673	20.179	ng/ul	96
42) 2-Chloronaphthalene	13.23	162	715426	20.323	ng/ul	99
43) 2-Nitroaniline	13.43	65	170105	21.936	ng/ul	98
45) Dimethylphthalate	13.82	163	849190	20.014	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	158818	24.370	ng/ul	99
48) Acenaphthylene	14.07	152	1075529	20.264	ng/ul	100
49) 3-Nitroaniline	14.26	138	162328	22.906	ng/ul#	97
50) Acenaphthene	14.42	153	767141	20.358	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	69367	23.796	ng/ul	91
53) 4-Nitrophenol	14.57	109	116251	21.173	ng/ul#	77
54) Dibenzofuran	14.76	168	1080706	20.903	ng/ul	96
55) 2,4-Dinitrotoluene	14.72	165	242981	25.355	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.98	232	212061	22.719	ng/ul#	85
57) Diethylphthalate	15.19	149	836927	19.910	ng/ul	96
59) Fluorene	15.41	166	875997	20.624	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.41	204	456078	21.178	ng/ul	95
61) 4-Nitroaniline	15.43	138	193211	22.195	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.49	198	130542	23.162	ng/ul	100
65) N-Nitrosodiphenylamine	15.62	169	753551	19.896	ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	281879	20.348	ng/ul	99
67) Hexachlorobenzene	16.41	284	315064	21.133	ng/ul	96
68) Atrazine	16.58	200	255882	19.116	ng/ul	97
69) Pentachlorophenol	16.75	266	167692	20.800	ng/ul	96
70) Phenanthrene	17.14	178	1409848	20.730	ng/ul	98
72) Anthracene	17.24	178	1449863	20.765	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	397858	19.633	ng/uL	99
74) Pentachlorobenzene	14.67	250	374948	20.511	ng/uL	99
75) Carbazole	17.51	167	1235459	20.128	ng/ul	99
76) Di-n-butylphthalate	18.08	149	1346526	18.855	ng/ul	100
77) Fluoranthene	19.16	202	1648081	21.139	ng/ul#	91
80) Pvrene	19.53	202	1729513	19.270	ng/ul#	88
81) Butylbenzylphthalate	20.44	149	576055	17.355	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.22	252	543810	18.780	ng/ul#	96
83) Benzo(a)anthracene	21.28	228	1808333	19.984	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	903519	17.320	ng/ul#	97
85) Chrysene	21.33	228	1733460	20.541	ng/ul	98
87) Di-n-octyl phthalate	22.10	149	1479969	15.901	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1845251	19.901	ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1853152	20.814	ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1819743	20.590	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	2171679	20.598	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.78	278	1819611	20.632	ng/ul#	95
94) Benzo(a,h,i)perylene	26.45	276	1811424	20.720	ng/ul#	93

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

