

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040519\
 Data File : BM019785.D
 Acq On : 06 Apr 2019 12:47
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02001

Manual Integrations
 APPROVED

Sohil
 4/8/2019 6:12:15 PM

Quant Time: Apr 08 03:48:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	150324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	669388	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	403553	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	897619	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	910437	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	806079	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	24525	6.39	ng/uL	0.00
5) Phenol-d5	6.75	99	270308	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	168745	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	209579	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	209498	20.85	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	97458	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	112345	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	211281	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	258705	21.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	624875	19.19	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	810968	19.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	93033	18.23	ng/ul	0.00
58) Fluorene-d10	15.22	176	570784	20.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	101205	17.05	ng/ul	0.00
71) Anthracene-d10	17.08	188	848632	19.70	ng/ul	0.00
79) Pyrene-d10	19.39	212	919806	21.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	816606	19.11	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	26630	6.095 ng/uL#	86
4) Benzaldehyde	6.73	77	198423	20.693 ng/ul	98
6) Phenol	6.77	94	279201	19.987 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.00	93	204623	19.148 ng/ul	98
10) 2-Chlorophenol	7.12	128	214005	20.750 ng/ul	99
11) 2-Methylphenol	8.01	108	201412	20.674 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	185975m	18.360 ng/ul	
14) Acetophenone	8.39	105	324404	19.824 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.37	70	186599	20.348 ng/ul#	87
16) 4-Methylphenol	8.34	108	222657	20.838 ng/ul	92
17) Hexachloroethane	8.60	117	80254	18.515 ng/ul	82
20) Nitrobenzene	8.77	77	257553	18.120 ng/ul	100
21) Isophorone	9.28	82	481804	19.758 ng/ul	97
23) 2-Nitrophenol	9.47	139	120302	20.521 ng/ul	95
24) 2,4-Dimethylphenol	9.53	107	248713	19.524 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	277933	18.888 ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	209043	21.096 ng/ul	97
28) Naphthalene	10.39	128	669150	19.297 ng/ul	99
30) 4-Chloroaniline	10.53	127	263245	20.764 ng/ul	99
31) Hexachlorobutadiene	10.64	225	119475	19.112 ng/ul	99
32) Caprolactam	11.33	113	66815m	22.709 ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	225098	21.074 ng/ul	98
34) 2-Methylnaphthalene	12.01	142	511901	21.067 ng/ul	100

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35) 1-Methylnaphthalene	12.23	142	483350	21.068	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	247918	19.306	ng/ul#	96
38) Hexachlorocyclopentadiene	12.34	237	57385	8.712	ng/ul#	92
39) 2,4,6-Trichlorophenol	12.64	196	170007	21.220	ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	182321	21.220	ng/ul	96
41) 1,1'-Biphenyl	13.04	154	659279	19.181	ng/ul#	96
42) 2-Chloronaphthalene	13.09	162	518202	19.687	ng/ul	99
43) 2-Nitroaniline	13.32	65	156665	21.673	ng/ul	94
45) Dimethylphthalate	13.69	163	620364	18.988	ng/ul#	97
46) 2,6-Dinitrotoluene	13.83	165	130016	21.678	ng/ul	97
48) Acenaphthylene	13.94	152	788956	19.550	ng/ul	99
49) 3-Nitroaniline	14.17	138	128350	21.869	ng/ul	98
50) Acenaphthene	14.29	153	533291	18.764	ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	55027	15.846	ng/ul#	84
53) 4-Nitrophenol	14.49	109	68532	17.155	ng/ul	81
54) Dibenzofuran	14.62	168	767391	19.335	ng/ul	97
55) 2,4-Dinitrotoluene	14.63	165	190938	21.498	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	14.86	232	154520	21.349	ng/ul#	80
57) Diethylphthalate	15.06	149	659724	20.530	ng/ul	95
59) Fluorene	15.27	166	645200	20.513	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.27	204	313966	20.010	ng/ul	93
61) 4-Nitroaniline	15.34	138	140166	21.879	ng/ul#	92
64) 4,6-Dinitro-2-methylphenol	15.39	198	105561	16.797	ng/ul	92
65) N-Nitrosodiphenylamine	15.50	169	548425	19.638	ng/ul	98
66) 4-Bromophenyl-phenylether	16.17	248	191606	19.656	ng/ul	98
67) Hexachlorobenzene	16.27	284	228440	19.353	ng/ul#	90
68) Atrazine	16.46	200	187758	19.212	ng/ul	95
69) Pentachlorophenol	16.63	266	115630	18.742	ng/ul	99
70) Phenanthrene	17.02	178	970908	19.077	ng/ul	99
72) Anthracene	17.12	178	1035461	19.943	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	243420	18.705	ng/uL	98
74) Pentachlorobenzene	14.53	250	256888	18.872	ng/uL	99
75) Carbazole	17.40	167	907826	19.496	ng/ul	98
76) Di-n-butylphthalate	17.95	149	1083238	20.987	ng/ul	99
77) Fluoranthene	19.05	202	1120310	19.210	ng/ul#	87
80) Pyrene	19.42	202	1175938	21.469	ng/ul#	85
81) Butylbenzylphthalate	20.33	149	524362	24.179	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.12	252	396951	20.070	ng/ul#	98
83) Benzo(a)anthracene	21.17	228	1080892	19.725	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	804999	25.609	ng/ul#	95
85) Chrysene	21.23	228	986850	18.768	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1327040	26.393	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	961831	19.589	ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	902003	19.130	ng/ul#	98
91) Benzo(a)pyrene	23.30	252	881264	18.775	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	1028723	17.502	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.60	278	878525	17.532	ng/ul#	95
94) Benzo(g,h,i)perylene	26.28	276	871577	17.744	ng/ul#	94

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

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