

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019646.D
 Acq On : 01 Apr 2019 09:09
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02089

Manual Integrations
 APPROVED

Sohil
 4/2/2019 5:30:56 PM

Quant Time: Apr 02 04:58:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 02 03:56:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	108252	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	482289	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	269811	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	602080	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	792369	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	896184	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	20433	7.39	ng/uL	0.00
5) Phenol-d5	6.75	99	196248	20.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	129397	20.05	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	150099	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	149650	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	66464	19.32	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	77410	20.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.98	165	144165	19.95	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	184774	21.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	424091	19.48	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	548439	20.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	63633	18.65	ng/ul	0.00
58) Fluorene-d10	15.23	176	370600	19.76	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.38	200	63470	15.94	ng/ul	0.00
71) Anthracene-d10	17.09	188	581607	20.13	ng/ul	-0.01
79) Pyrene-d10	19.40	212	651025	17.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	938252	19.75	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	20136	6.400	ng/uL 95
4) Benzaldehyde	6.74	77	146724	21.248	ng/ul 97
6) Phenol	6.78	94	206290	20.507	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.02	93	151571	19.696	ng/ul 96
10) 2-Chlorophenol	7.13	128	154662	20.824	ng/ul 96
11) 2-Methylphenol	8.02	108	144473	20.593	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	153412	21.031	ng/ul# 81
14) Acetophenone	8.40	105	236602	20.078	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.38	70	136559	20.679	ng/ul# 88
16) 4-Methylphenol	8.35	108	160119	20.809	ng/ul 99
17) Hexachloroethane	8.62	117	59808	19.160	ng/ul 85
20) Nitrobenzene	8.78	77	196540	19.191	ng/ul 99
21) Isophorone	9.29	82	344809	19.626	ng/ul 97
23) 2-Nitrophenol	9.48	139	83029	19.657	ng/ul 93
24) 2,4-Dimethylphenol	9.54	107	179826	19.593	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.78	93	203009	19.149	ng/ul 99
27) 2,4-Dichlorophenol	10.01	162	145465	20.375	ng/ul 95
28) Naphthalene	10.40	128	496039	19.854	ng/ul 99
30) 4-Chloroaniline	10.54	127	191353	20.948	ng/ul 97
31) Hexachlorobutadiene	10.66	225	84430	18.746	ng/ul 99
32) Caprolactam	11.35	113	43772m	20.649	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	160479	20.853	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	346022	19.765	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	328322	19.862	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	159170	18.539	ng/ul#	96
38) Hexachlorocyclopentadiene	12.35	237	64053	14.545	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.65	196	104128	19.439	ng/ul	98
40) 2,4,5-Trichlorophenol	12.73	196	113210	19.707	ng/ul	99
41) 1,1'-Biphenyl	13.05	154	443495	19.299	ng/ul#	96
42) 2-Chloronaphthalene	13.10	162	348599	19.808	ng/ul	96
43) 2-Nitroaniline	13.33	65	102758	21.262	ng/ul	88
45) Dimethylphthalate	13.70	163	423715	19.398	ng/ul#	98
46) 2,6-Dinitrotoluene	13.83	165	81564	20.340	ng/ul#	87
48) Acenaphthylene	13.95	152	541587	20.073	ng/ul	99
49) 3-Nitroaniline	14.17	138	82861	21.117	ng/ul#	88
50) Acenaphthene	14.29	153	378161	19.901	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	41936	18.062	ng/ul#	78
53) 4-Nitrophenol	14.49	109	53735m	20.119	ng/ul	
54) Dibenzofuran	14.63	168	528166	19.904	ng/ul	100
55) 2,4-Dinitrotoluene	14.63	165	127246	21.429	ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	14.87	232	95708	19.778	ng/ul#	76
57) Diethylphthalate	15.07	149	435492	20.269	ng/ul	94
59) Fluorene	15.29	166	424578	20.190	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	200756	19.137	ng/ul#	91
61) 4-Nitroaniline	15.34	138	91884	21.452	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	15.39	198	65931	15.641	ng/ul#	81
65) N-Nitrosodiphenylamine	15.50	169	363965	19.431	ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	122749	18.774	ng/ul#	90
67) Hexachlorobenzene	16.29	284	148800	18.794	ng/ul#	88
68) Atrazine	16.47	200	122711	18.720	ng/ul	98
69) Pentachlorophenol	16.64	266	77921	18.829	ng/ul	97
70) Phenanthrene	17.03	178	684484	20.051	ng/ul	100
72) Anthracene	17.12	178	698709	20.063	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	154305	17.677	ng/uL	98
74) Pentachlorobenzene	14.54	250	164237	17.988	ng/uL	98
75) Carbazole	17.41	167	649313	20.789	ng/ul	97
76) Di-n-butylphthalate	17.96	149	730451	21.098	ng/ul	99
77) Fluoranthene	19.06	202	808849	20.678	ng/ul#	85
80) Pvrene	19.43	202	866214	18.171	ng/ul#	82
81) Butylbenzylphthalate	20.34	149	378322	20.044	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.13	252	348980	20.274	ng/ul#	98
83) Benzo(a)anthracene	21.18	228	956786	20.062	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	566507	20.707	ng/ul#	94
85) Chrysene	21.23	228	900003	19.667	ng/ul	100
87) Di-n-octyl phthalate	21.97	149	1083105	19.376	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1085873	19.892	ng/ul#	96
89) Benzo(k)fluoranthene	22.79	252	1026523	19.582	ng/ul#	97
91) Benzo(a)pyrene	23.30	252	1021295	19.570	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.61	276	1177808	18.023	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.62	278	1003420	18.011	ng/ul#	94
94) Benzo(a,h,i)perylene	26.29	276	944175	17.290	ng/ul#	92

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

