

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024048.D
 Acq On : 11 Dec 2019 23:50
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:25:58 AM

Quant Time: Dec 12 04:15:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 01:09:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	435011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1922835	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	1271214	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	3119192	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	2777263	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	2691139	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	81830	8.37	ng/uL	0.00
5) Phenol-d5	6.66	99	767178	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	467039	21.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	593458	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	622389	20.69	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	291189	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	330117	19.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	633066	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	766745	21.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1998269	20.23	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2257261	19.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	403096	24.27	ng/ul	0.00
58) Fluorene-d10	15.13	176	1656456	19.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	387706	19.80	ng/ul	0.00
71) Anthracene-d10	16.99	188	3032877	20.36	ng/ul	0.00
79) Pyrene-d10	19.29	212	3120487	21.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2740448	19.26	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.06	88	86002	8.202	ng/uL 97
4) Benzaldehyde	6.63	77	296711	14.777	ng/ul 93
6) Phenol	6.69	94	830003	21.163	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.92	93	646133	21.188	ng/ul 99
10) 2-Chlorophenol	7.04	128	636941	21.124	ng/ul 97
11) 2-Methylphenol	7.93	108	616410	21.069	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	745451	22.513	ng/ul 99
14) Acetophenone	8.30	105	1003897	21.829	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.29	70	567343	23.073	ng/ul 99
16) 4-Methylphenol	8.26	108	678488	21.310	ng/ul 100
17) Hexachloroethane	8.53	117	262783	21.128	ng/ul 97
20) Nitrobenzene	8.67	77	783401	21.608	ng/ul 99
21) Isophorone	9.20	82	1494692	21.717	ng/ul 99
23) 2-Nitrophenol	9.37	139	375637	20.932	ng/ul 98
24) 2,4-Dimethylphenol	9.45	107	764286	21.106	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.68	93	924121	21.401	ng/ul 99
27) 2,4-Dichlorophenol	9.90	162	635812	20.598	ng/ul 97
28) Naphthalene	10.29	128	2084435	20.562	ng/ul 100
30) 4-Chloroaniline	10.42	127	823505	22.702	ng/ul 99
31) Hexachlorobutadiene	10.58	225	390785	20.050	ng/ul 97
32) Caprolactam	11.20	113	229088m	24.578	ng/ul
33) 4-Chloro-3-methylphenol	11.56	107	714732	21.878	ng/ul 97
34) 2-Methylnaphthalene	11.92	142	1561375	21.212	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1480880	20.492	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	770306	19.427	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	363025	19.648	ng/ul	99
39) 2,4,6-Trichlorophenol	12.55	196	512440	19.839	ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	540619	19.688	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	2048945	19.949	ng/ul	98
42) 2-Chloronaphthalene	12.99	162	1570707	19.986	ng/ul	99
43) 2-Nitroaniline	13.22	65	459966	22.517	ng/ul	99
45) Dimethylphthalate	13.60	163	2064562	21.353	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	427146	22.580	ng/ul	99
48) Acenaphthylene	13.85	152	2418735	20.662	ng/ul	99
49) 3-Nitroaniline	14.05	138	409788	23.164	ng/ul	99
50) Acenaphthene	14.20	153	1688494	20.303	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	322168	31.948	ng/ul	99
53) 4-Nitrophenol	14.38	109	325045	26.564	ng/ul	96
54) Dibenzofuran	14.54	168	2424420	20.605	ng/ul	99
55) 2,4-Dinitrotoluene	14.53	165	721483	26.221	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	537822	22.234	ng/ul	100
57) Diethylphthalate	14.99	149	2363358	24.427	ng/ul	100
59) Fluorene	15.19	166	1999392	21.070	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.19	204	964937	20.184	ng/ul	98
61) 4-Nitroaniline	15.23	138	453152	22.707	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.30	198	434664	20.670	ng/ul#	93
65) N-Nitrosodiphenylamine	15.41	169	1868546	18.917	ng/ul	100
66) 4-Bromophenyl-phenylether	16.09	248	674778	17.745	ng/ul	99
67) Hexachlorobenzene	16.20	284	849093	19.264	ng/ul	96
68) Atrazine	16.37	200	730547	21.097	ng/ul	99
69) Pentachlorophenol	16.55	266	507547	20.321	ng/ul	99
70) Phenanthrene	16.93	178	3566787	20.242	ng/ul	100
72) Anthracene	17.02	178	3835854	21.441	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	760245	16.205	ng/uL	99
74) Pentachlorobenzene	14.46	250	825483	16.363	ng/uL	98
75) Carbazole	17.30	167	3418667	22.069	ng/ul	100
76) Di-n-butylphthalate	17.88	149	4363594	22.653	ng/ul	99
77) Fluoranthene	18.96	202	4206712	22.261	ng/ul	99
80) Pvrene	19.32	202	4258222	22.756	ng/ul	100
81) Butylbenzylphthalate	20.24	149	1914975	24.088	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	1159551	16.513	ng/ul	98
83) Benzo(a)anthracene	21.08	228	3809824	20.523	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	2762056	23.376	ng/ul	99
85) Chrysene	21.13	228	3518235	20.182	ng/ul	98
87) Di-n-octyl phthalate	21.89	149	4131686	26.256	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	3451715	20.740	ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	3355421	21.239	ng/ul	99
91) Benzo(a)pyrene	23.14	252	3214399	20.427	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.36	276	3819243	19.546	ng/ul	98
93) Dibenzo(a,h)anthracene	25.36	278	3217015	19.601	ng/ul	99
94) Benzo(a,h,i)perylene	26.00	276	3197987	19.543	ng/ul	99

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

