

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024050.D
 Acq On : 12 Dec 2019 10:00
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

mohammad
 12/13/2019 2:51:22 PM

Quant Time: Dec 13 01:05:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	393081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1722388	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1129772	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2476054	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2286205	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2122888	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	79823	9.04	ng/uL	0.00
5) Phenol-d5	6.66	99	691618	20.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	420944	21.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	533715	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	542591	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	252793	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	282096	18.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	556249	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	679102	21.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1688724	19.24	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1982233	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	288084	19.52	ng/ul	0.00
58) Fluorene-d10	15.13	176	1447369	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	273652	17.61	ng/ul	0.00
71) Anthracene-d10	16.99	188	2269276	19.19	ng/ul	0.00
79) Pyrene-d10	19.29	212	2467593	20.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2144648	19.11	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.06	88	80745	8.522	ng/uL 97
4) Benzaldehyde	6.63	77	266705	14.700	ng/ul 94
6) Phenol	6.69	94	742611	20.954	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.92	93	582278	21.131	ng/ul 98
10) 2-Chlorophenol	7.04	128	577216	21.185	ng/ul 99
11) 2-Methylphenol	7.93	108	547276	20.701	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.01	45	662706	22.149	ng/ul 98
14) Acetophenone	8.30	105	888474	21.380	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.29	70	495896	22.319	ng/ul 99
16) 4-Methylphenol	8.26	108	599787	20.847	ng/ul 99
17) Hexachloroethane	8.53	117	237398	21.123	ng/ul 99
20) Nitrobenzene	8.67	77	702916	21.644	ng/ul 99
21) Isophorone	9.19	82	1303064	21.136	ng/ul 99
23) 2-Nitrophenol	9.37	139	322442	20.058	ng/ul 98
24) 2,4-Dimethylphenol	9.45	107	662823	20.434	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.68	93	809576	20.930	ng/ul 99
27) 2,4-Dichlorophenol	9.90	162	561960	20.324	ng/ul 99
28) Naphthalene	10.29	128	1860061	20.484	ng/ul 99
30) 4-Chloroaniline	10.42	127	731671	22.517	ng/ul 98
31) Hexachlorobutadiene	10.58	225	343712	19.687	ng/ul 97
32) Caprolactam	11.20	113	171023m	20.484	ng/ul
33) 4-Chloro-3-methylphenol	11.56	107	628868	21.490	ng/ul 98
34) 2-Methylnaphthalene	11.92	142	1372407	20.815	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	1306310	20.180	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	673143	19.102	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	217170	13.225	ng/ul	99
39) 2,4,6-Trichlorophenol	12.55	196	453074	19.737	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	480842	19.703	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1787067	19.577	ng/ul	99
42) 2-Chloronaphthalene	12.99	162	1376335	19.705	ng/ul	99
43) 2-Nitroaniline	13.21	65	402938	22.195	ng/ul	97
45) Dimethylphthalate	13.60	163	1746917	20.329	ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	352356	20.958	ng/ul	99
48) Acenaphthylene	13.85	152	2137852	20.549	ng/ul	99
49) 3-Nitroaniline	14.05	138	321147	20.426	ng/ul	97
50) Acenaphthene	14.20	153	1504849	20.360	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	157005	17.519	ng/ul	98
53) 4-Nitrophenol	14.38	109	231731	21.309	ng/ul	96
54) Dibenzofuran	14.53	168	2138756	20.453	ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	536031	21.920	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	440631	20.497	ng/ul	98
57) Diethylphthalate	14.98	149	1828569	21.266	ng/ul	99
59) Fluorene	15.19	166	1767265	20.955	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.19	204	864554	20.348	ng/ul	99
61) 4-Nitroaniline	15.22	138	308161	17.375	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.29	198	308568	18.485	ng/ul#	98
65) N-Nitrosodiphenylamine	15.41	169	1547133	19.731	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	572864	18.977	ng/ul	99
67) Hexachlorobenzene	16.20	284	668590	19.109	ng/ul	97
68) Atrazine	16.37	200	541028	19.682	ng/ul	98
69) Pentachlorophenol	16.55	266	364732	18.396	ng/ul	99
70) Phenanthrene	16.93	178	2849280	20.370	ng/ul	99
72) Anthracene	17.02	178	2917730	20.545	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	674782	18.120	ng/uL	99
74) Pentachlorobenzene	14.46	250	732533	18.293	ng/uL	99
75) Carbazole	17.30	167	2594645	21.100	ng/ul	100
76) Di-n-butylphthalate	17.87	149	3175854	20.770	ng/ul	99
77) Fluoranthene	18.96	202	3288018	21.919	ng/ul	98
80) Pyrene	19.32	202	3392520	22.024	ng/ul	99
81) Butylbenzylphthalate	20.24	149	1484634	22.686	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	980109	16.955	ng/ul	100
83) Benzo(a)anthracene	21.08	228	3110505	20.355	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	2210339	22.725	ng/ul	100
85) Chrysene	21.13	228	2915610	20.318	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	3415453	27.514	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	2813713	21.432	ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	2710505	21.749	ng/ul	99
91) Benzo(a)pyrene	23.14	252	2549248	20.537	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.35	276	2861570	18.565	ng/ul	99
93) Dibenzo(a,h)anthracene	25.36	278	2429041	18.762	ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	2377157	18.415	ng/ul	100

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

