

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006065.D
 Acq On : 04 Jun 2019 16:03
 Operator : JU/SJ
 Sample : SSTD08004
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD08004

Manual Integrations
 APPROVED

mohammad
 6/5/2019 9:26:51 AM

Quant Time: Jun 04 16:47:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 15:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	268789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1114778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	580987	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1193915	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1103459	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1373777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	190896	33.05	ng/uL	0.00
5) Phenol-d5	6.83	99	1713802	77.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	972701	77.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	1384907	79.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	1319542	74.25	ng/ul	0.01
19) Nitrobenzene-d5	8.81	128	659680	81.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	737291	83.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	1282921	79.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	1493859	75.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	3174131	77.23	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	4134411	78.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	592567	78.02	ng/ul	0.01
57) Fluorene-d10	15.30	176	2640250	75.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	575598	99.51	ng/ul	0.01
70) Anthracene-d10	17.16	188	3870510	77.36	ng/ul	0.00
78) Pyrene-d10	19.47	212	4094284	65.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	4731493	77.52	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	202140	33.498	ng/uL 99
4) Benzaldehyde	6.79	77	1020293	67.503	ng/ul 99
6) Phenol	6.86	94	1738714	76.653	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.08	93	1361244	77.673	ng/ul 98
10) 2-Chlorophenol	7.22	128	1402482	78.750	ng/ul 99
11) 2-Methylphenol	8.10	108	1317550	75.861	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	1797174	76.662	ng/ul 99
14) Acetophenone	8.48	105	1966959	74.791	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.47	70	999710	73.372	ng/ul 98
16) 4-Methylphenol	8.43	108	1390827	73.834	ng/ul 98
17) Hexachloroethane	8.72	117	585312	88.587	ng/ul 99
20) Nitrobenzene	8.85	77	1526655	80.943	ng/ul 98
21) Isophorone	9.38	82	2792851	77.965	ng/ul 100
23) 2-Nitrophenol	9.56	139	768248	82.082	ng/ul 99
24) 2,4-Dimethylphenol	9.62	107	1494277	78.387	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.86	93	1759093	77.596	ng/ul 98
27) 2,4-Dichlorophenol	10.09	162	1241138	78.533	ng/ul 98
28) Naphthalene	10.49	128	4048026	77.185	ng/ul 98
30) 4-Chloroaniline	10.60	127	1492995	74.942	ng/ul 98
31) Hexachlorobutadiene	10.77	225	793733	84.877	ng/ul 98
32) Caprolactam	11.38	113	399554m	68.169	ng/ul
33) 4-Chloro-3-methylphenol	11.74	107	1318862	73.426	ng/ul 97
34) 2-Methylnaphthalene	12.10	142	2785694	74.470	ng/ul 99

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36) 1,2,4,5-Tetrachlorobenzene	12.48	216	1407705	82.060	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	892112	163.756	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	929472	82.454	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	1000778	83.330	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	3456682	78.952	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	2686191	79.379	ng/ul	100
42) 2-Nitroaniline	13.39	65	819727	79.541	ng/ul	99
44) Dimethylphthalate	13.77	163	3119216	76.670	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	701457	81.877	ng/ul	99
47) Acenaphthylene	14.03	152	4012625	77.229	ng/ul	99
48) 3-Nitroaniline	14.22	138	649757	74.123	ng/ul	97
49) Acenaphthene	14.37	153	2701651	77.180	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	412306	105.997	ng/ul	98
52) 4-Nitrophenol	14.55	109	449299	78.284	ng/ul	95
53) Dibenzofuran	14.71	168	3747843	75.396	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	951808	80.289	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	796074	81.559	ng/ul	99
56) Diethylphthalate	15.14	149	3100776	76.852	ng/ul	99
58) Fluorene	15.36	166	2832729	73.756	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	1419423	74.776	ng/ul	99
60) 4-Nitroaniline	15.39	138	746779	74.271	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	592081	100.149	ng/ul#	97
64) N-Nitrosodiphenylamine	15.57	169	2576095	75.749	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	929371	77.601	ng/ul	98
66) Hexachlorobenzene	16.37	284	1019359	79.989	ng/ul	96
67) Atrazine	16.53	200	937886	79.981	ng/ul	99
68) Pentachlorophenol	16.72	266	615661	87.782	ng/ul	97
69) Phenanthrene	17.10	178	4447397	76.763	ng/ul	98
71) Anthracene	17.20	178	4521872	76.858	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	1444205	82.579	ng/uL	96
73) Pentachlorobenzene	14.63	250	1244619	79.731	ng/uL	99
74) Carbazole	17.47	167	4140004	81.805	ng/ul	98
75) Di-n-butylphthalate	18.03	149	5128385	79.114	ng/ul	99
76) Fluoranthene	19.13	202	5070155	89.924	ng/ul	99
79) Pvrene	19.50	202	5062930	63.660	ng/ul	100
80) Butylbenzylphthalate	20.41	149	2466414	68.533	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.20	252	1770472	84.169	ng/ul	100
82) Benzo(a)anthracene	21.26	228	5204857	76.337	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	3275941	66.235	ng/ul#	98
84) Chrysene	21.32	228	4847098	75.137	ng/ul	99
86) Di-n-octyl phthalate	22.08	149	6313019	67.135	ng/ul	100
87) Benzo(b)fluoranthene	22.85	252	5725794	75.567	ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	5383830	73.324	ng/ul	100
90) Benzo(a)pyrene	23.43	252	5473578	75.976	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.77	276	6697756	80.754	ng/ul	99
92) Dibenzo(a,h)anthracene	25.79	278	5565818	79.594	ng/ul	98
93) Benzo(g,h,i)perylene	26.46	276	5785729	84.750	ng/ul	99

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

