

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005749.D
 Acq On : 18 May 2019 12:12
 Operator : JU/SJ
 Sample : SSTD16078
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16078

Quant Time: May 18 12:44:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 12:10:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	120862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	535443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	365781	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	902838	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	878836	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1052259	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	125536	50.15	ng/uL	0.00
5) Phenol-d5	6.78	99	1530375	161.22	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	750906	126.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	1239855	170.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1280400	172.55	ng/ul	0.02
19) Nitrobenzene-d5	8.73	128	633602	192.26	ng/ul	0.01
22) 2-Nitrophenol-d4	9.45	143	756018	226.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1424581	186.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1480662	187.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	4302570	162.04	ng/ul	0.02
46) Acenaphthylene-d8	13.92	160	5234711	160.51	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	721565	172.10	ng/ul	0.03
57) Fluorene-d10	15.23	176	3615510	162.25	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	948955	233.70	ng/ul	0.02
70) Anthracene-d10	17.09	188	5749671	151.92	ng/ul	0.01
78) Pyrene-d10	19.40	212	6640319	147.70	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.31	264	7292067	158.57	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.22	88	129440	48.077	ng/uL	94
4) Benzaldehyde	6.74	77	1373425	204.170	ng/ul	97
6) Phenol	6.81	94	1551781	158.930	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	1086630	138.990	ng/ul	92
10) 2-Chlorophenol	7.15	128	1251141	166.590	ng/ul	94
11) 2-Methylphenol	8.03	108	1221037	166.890	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.11	45	1400120	106.660	ng/ul#	91
14) Acetophenone	8.40	105	2007334	169.029	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.42	70	968593	152.475	ng/ul#	88
16) 4-Methylphenol	8.38	108	1345556	170.291	ng/ul	97
17) Hexachloroethane	8.63	117	497746	152.620	ng/ul	88
20) Nitrobenzene	8.78	77	1429314	157.593	ng/ul	91
21) Isophorone	9.31	82	2771122	154.314	ng/ul	96
23) 2-Nitrophenol	9.48	139	775590	204.862	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	1554650	164.000	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	1576221	139.672	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	1381159	182.739	ng/ul	98
28) Naphthalene	10.39	128	4057674	163.012	ng/ul	99
30) 4-Chloroaniline	10.52	127	1504744	187.053	ng/ul	100
31) Hexachlorobutadiene	10.67	225	921378	172.627	ng/ul	98
32) Caprolactam	11.35	113	264687	115.745	ng/ul	79
33) 4-Chloro-3-methylphenol	11.67	107	1499747	176.222	ng/ul	93
34) 2-Methylnaphthalene	12.02	142	3074585	168.691	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	1871425	165.320	ng/ul	97
37) Hexachlorocyclopentadiene	12.36	237	882569	114.353	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	1208197	177.001	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	1303446	177.705	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	4090185	150.076	ng/ul#	97
41) 2-Chloronaphthalene	13.09	162	3226400	153.923	ng/ul	97
42) 2-Nitroaniline	13.32	65	1003260	180.455	ng/ul#	84
44) Dimethylphthalate	13.70	163	4169994	157.611	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	977295	213.926	ng/ul#	89
47) Acenaphthylene	13.95	152	4920483	153.526	ng/ul	98
48) 3-Nitroaniline	14.16	138	768776	181.015	ng/ul#	87
49) Acenaphthene	14.29	153	3366806	153.876	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	646241	290.403	ng/ul	91
52) 4-Nitrophenol	14.50	109	645432	169.600	ng/ul	96
53) Dibenzofuran	14.63	168	4816518	152.895	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	1355646	205.844	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.87	232	1193884	195.655	ng/ul	93
56) Diethylphthalate	15.07	149	4188017	157.863	ng/ul	98
58) Fluorene	15.29	166	3890245	158.258	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	2108190	161.673	ng/ul	98
60) 4-Nitroaniline	15.35	138	810031	152.990	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	933066	215.901	ng/ul	91
64) N-Nitrosodiphenylamine	15.50	169	3517422	142.347	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	1471661	161.801	ng/ul	94
66) Hexachlorobenzene	16.30	284	1619737	167.239	ng/ul#	92
67) Atrazine	16.47	200	1492752	162.270	ng/ul	98
68) Pentachlorophenol	16.65	266	896981	158.171	ng/ul	98
69) Phenanthrene	17.03	178	6502042	147.876	ng/ul	98
71) Anthracene	17.13	178	6510487	145.350	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	1935016	146.734	ng/uL	98
73) Pentachlorobenzene	14.56	250	1823437	153.632	ng/uL	99
74) Carbazole	17.40	167	5984566	155.535	ng/ul	99
75) Di-n-butylphthalate	17.96	149	7051290	146.057	ng/ul	99
76) Fluoranthene	19.06	202	8128917	166.676	ng/ul	96
79) Pvrene	19.44	202	7955151	140.586	ng/ul#	93
80) Butylbenzylphthalate	20.35	149	3483644	155.496	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.15	252	2455139	139.824	ng/ul#	98
82) Benzo(a)anthracene	21.21	228	8352502	152.773	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	4635810	134.383	ng/ul#	95
84) Chrysene	21.27	228	7657426	150.911	ng/ul	97
86) Di-n-octyl phthalate	22.02	149	8206275	127.333	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	9409661	159.080	ng/ul#	97
88) Benzo(k)fluoranthene	22.84	252	7806349	138.185	ng/ul#	97
90) Benzo(a)pyrene	23.37	252	8500408	152.889	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.71	276	10493056	170.701	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.70	278	8780512	168.313	ng/ul#	96
93) Benzo(g,h,i)perylene	26.36	276	8745840	172.069	ng/ul#	93

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

