

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041919\
 Data File : BN005159.D
 Acq On : 18 Apr 2019 20:29
 Operator : JU/SJ
 Sample : SSTD02060
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02060

Manual Integrations
 APPROVED

Sohil
 4/23/2019 8:37:41 AM

Quant Time: Apr 19 03:55:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 03:40:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	390952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1740779	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	1064370	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2419309	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2075727	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1956448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	64139	7.86	ng/uL	0.00
5) Phenol-d5	6.78	99	627997	20.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	386472	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	471128	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	498179	21.35	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	216060	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	219251	24.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	499854	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	500269	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1572837	20.18	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1927909	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	247802	22.76	ng/ul	0.00
57) Fluorene-d10	15.23	176	1322371	20.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	190447	21.95	ng/ul	0.00
70) Anthracene-d10	17.09	188	2029904	19.95	ng/ul	0.00
78) Pyrene-d10	19.39	212	2203146	21.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1720168	20.03	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	69515	7.903	ng/uL 100
4) Benzaldehyde	6.76	77	447978	20.376	ng/ul 100
6) Phenol	6.81	94	647733	20.808	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.05	93	509034	20.199	ng/ul 100
10) 2-Chlorophenol	7.18	128	487709	20.196	ng/ul 100
11) 2-Methylphenol	8.04	108	487263	20.847	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	874610	20.421	ng/ul 100
14) Acetophenone	8.42	105	817195	21.553	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.41	70	433223	20.938	ng/ul 100
16) 4-Methylphenol	8.37	108	536990	21.529	ng/ul 100
17) Hexachloroethane	8.67	117	206798	19.902	ng/ul 100
20) Nitrobenzene	8.79	77	589515	21.581	ng/ul 100
21) Isophorone	9.31	82	1188282	19.574	ng/ul 100
23) 2-Nitrophenol	9.49	139	254031	23.841	ng/ul 100
24) 2,4-Dimethylphenol	9.56	107	626339	20.081	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.80	93	729389	19.521	ng/ul 100
27) 2,4-Dichlorophenol	10.02	162	494065	20.424	ng/ul 100
28) Naphthalene	10.42	128	1613464	19.857	ng/ul 100
30) 4-Chloroaniline	10.53	127	515129	20.421	ng/ul 100
31) Hexachlorobutadiene	10.71	225	336613	19.354	ng/ul 100
32) Caprolactam	11.27	113	157974m	22.044	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	577460	21.296	ng/ul 100
34) 2-Methylnaphthalene	12.03	142	1197028	20.282	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	645972	19.299	ng/ul	100
37) Hexachlorocyclopentadiene	12.39	237	410246	18.630	ng/ul	100
38) 2,4,6-Trichlorophenol	12.65	196	403340	20.401	ng/ul	100
39) 2,4,5-Trichlorophenol	12.72	196	436124	21.165	ng/ul	100
40) 1,1'-Biphenyl	13.07	154	1577334	19.620	ng/ul	100
41) 2-Chloronaphthalene	13.10	162	1208451	19.616	ng/ul	100
42) 2-Nitroaniline	13.30	65	338082	25.612	ng/ul	100
44) Dimethylphthalate	13.70	163	1574604	20.468	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	280601	25.881	ng/ul	100
47) Acenaphthylene	13.96	152	1886204	19.948	ng/ul	100
48) 3-Nitroaniline	14.14	138	241308	22.806	ng/ul	100
49) Acenaphthene	14.30	153	1280468	20.003	ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	107663	22.854	ng/ul	100
52) 4-Nitrophenol	14.45	109	228756	22.559	ng/ul	100
53) Dibenzofuran	14.64	168	1855017	20.225	ng/ul	100
54) 2,4-Dinitrotoluene	14.60	165	414742	26.321	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.86	232	369533	21.625	ng/ul	100
56) Diethylphthalate	15.09	149	1600610	20.286	ng/ul	100
58) Fluorene	15.29	166	1451593	20.118	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	770158	20.414	ng/ul	100
60) 4-Nitroaniline	15.31	138	316367	23.048	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.37	198	209443	21.773	ng/ul	100
64) N-Nitrosodiphenylamine	15.51	169	1318873	19.819	ng/ul	100
65) 4-Bromophenyl-phenylether	16.19	248	474269	19.345	ng/ul	100
66) Hexachlorobenzene	16.29	284	512304	20.013	ng/ul	100
67) Atrazine	16.47	200	491921	19.983	ng/ul	100
68) Pentachlorophenol	16.64	266	291993	20.233	ng/ul	100
69) Phenanthrene	17.03	178	2344326	19.947	ng/ul	100
71) Anthracene	17.12	178	2418721	20.125	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	669878	18.741	ng/ul	100
73) Pentachlorobenzene	14.56	250	605363	19.155	ng/ul	100
74) Carbazole	17.39	167	2134493	20.785	ng/ul	100
75) Di-n-butylphthalate	17.99	149	2725495	19.882	ng/ul	100
76) Fluoranthene	19.06	202	2732852	20.779	ng/ul	100
79) Pyrene	19.42	202	2763642	21.015	ng/ul	100
80) Butylbenzylphthalate	20.36	149	1127901	20.803	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.12	252	785277	18.522	ng/ul	100
82) Benzo(a)anthracene	21.18	228	2606711	20.081	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	1706849	19.501	ng/ul	100
84) Chrysene	21.24	228	2389608	19.719	ng/ul	100
86) Di-n-octyl phthalate	22.03	149	2653739	21.632	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2232184	20.155	ng/ul	100
88) Benzo(k)fluoranthene	22.78	252	2181865	20.943	ng/ul	100
90) Benzo(a)pyrene	23.29	252	2087857	20.117	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.56	276	2178220	18.570	ng/ul	100
92) Dibenzo(a,h)anthracene	25.57	278	1855039	18.769	ng/ul	100
93) Benzo(g,h,i)perylene	26.22	276	1781533	18.200	ng/ul	100

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

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