

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031519\
 Data File : BN004787.D
 Acq On : 16 Mar 2019 00:31
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02040

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:08:05 PM

Quant Time: Mar 16 01:13:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 04:01:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	26064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	117433	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	73672	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.10	188	179712	20.00	ng/ul	-0.01
78) Chrysene-d12	21.30	240	232685	20.00	ng/ul	-0.02
86) Perylene-d12	23.55	264	261184	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	3528	7.63	ng/uL	-0.01
5) Phenol-d5	6.88	99	38682	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	20169	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	35110	18.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	33399	17.83	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	16594	18.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	19129	18.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	36876	19.03	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.64	131	44857	19.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	119315	18.73	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	142799	18.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	19551	16.54	ng/ul	-0.01
58) Fluorene-d10	15.35	176	102375	18.91	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.47	200	22210	17.90	ng/ul	0.00
71) Anthracene-d10	17.20	188	164142	18.75	ng/ul	-0.01
79) Pyrene-d10	19.50	212	192162	16.90	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.41	264	262596	18.72	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	3960	6.954	ng/uL 92
4) Benzaldehyde	6.86	77	25322	18.159	ng/ul 96
6) Phenol	6.90	94	39696	18.110	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.14	93	29454	18.256	ng/ul 99
10) 2-Chlorophenol	7.28	128	35194	18.664	ng/ul 99
11) 2-Methylphenol	8.15	108	31171	17.708	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	31822m	17.102	ng/ul
14) Acetophenone	8.53	105	51606	18.372	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.51	70	23093	17.414	ng/ul 97
16) 4-Methylphenol	8.48	108	34849	17.807	ng/ul 98
17) Hexachloroethane	8.78	117	13246	18.756	ng/ul 89
20) Nitrobenzene	8.92	77	34054	18.527	ng/ul 99
21) Isophorone	9.43	82	67074	17.614	ng/ul 99
23) 2-Nitrophenol	9.62	139	20897	19.010	ng/ul 98
24) 2,4-Dimethylphenol	9.67	107	39905	18.809	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.91	93	41574	17.934	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	36047	18.902	ng/ul 99
28) Naphthalene	10.55	128	115688	18.907	ng/ul 99
30) 4-Chloroaniline	10.66	127	46089	19.507	ng/ul 99
31) Hexachlorobutadiene	10.81	225	25483	20.105	ng/ul 99
32) Caprolactam	11.43	113	10962m	16.968	ng/ul
33) 4-Chloro-3-methylphenol	11.79	107	38061	18.613	ng/ul 99
34) 2-Methylnaphthalene	12.16	142	87411	19.065	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	81534	18.937	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	50611	19.536	ng/ul	97
38) Hexachlorocyclopentadiene	12.50	237	28965	16.230	ng/ul	97
39) 2,4,6-Trichlorophenol	12.78	196	30103	18.039	ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	33229	18.191	ng/ul	98
41) 1,1'-Biphenyl	13.18	154	115547	18.643	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	88854	18.855	ng/ul	100
43) 2-Nitroaniline	13.44	65	20166	17.492	ng/ul	99
45) Dimethylphthalate	13.81	163	118353	18.936	ng/ul	100
46) 2,6-Dinitrotoluene	13.94	165	23981	18.950	ng/ul	95
48) Acenaphthylene	14.07	152	140515	18.753	ng/ul	99
49) 3-Nitroaniline	14.27	138	22890	18.654	ng/ul	96
50) Acenaphthene	14.42	153	96342	18.810	ng/ul	100
51) 2,4-Dinitrophenol	14.48	184	13860	16.898	ng/ul	97
53) 4-Nitrophenol	14.58	109	14927	17.376	ng/ul	99
54) Dibenzofuran	14.75	168	138827	18.870	ng/ul	100
55) 2,4-Dinitrotoluene	14.73	165	36630	19.595	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.98	232	30647	18.127	ng/ul	94
57) Diethylphthalate	15.17	149	118688	18.739	ng/ul	100
59) Fluorene	15.40	166	112508	19.059	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	60830	19.410	ng/ul	99
61) 4-Nitroaniline	15.44	138	26180	18.176	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.49	198	23051	17.621	ng/ul	97
65) N-Nitrosodiphenylamine	15.62	169	100508	18.364	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	42255	19.160	ng/ul	96
67) Hexachlorobenzene	16.40	284	49708	19.637	ng/ul	95
68) Atrazine	16.57	200	39262	18.781	ng/ul	98
69) Pentachlorophenol	16.75	266	30436	19.292	ng/ul	98
70) Phenanthrene	17.15	178	186419	18.654	ng/ul	100
72) Anthracene	17.23	178	190338	18.642	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	49560	18.579	ng/uL	99
74) Pentachlorobenzene	14.66	250	54370	19.117	ng/uL	99
75) Carbazole	17.51	167	171625	19.355	ng/ul	100
76) Di-n-butylphthalate	18.06	149	199173	18.113	ng/ul	100
77) Fluoranthene	19.16	202	233664	20.280	ng/ul	96
80) Pyrene	19.53	202	241354	17.109	ng/ul	98
81) Butylbenzylphthalate	20.43	149	94584	16.330	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.22	252	101569	18.489	ng/ul	99
83) Benzo(a)anthracene	21.28	228	267623	18.283	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	140685	16.714	ng/ul	99
85) Chrysene	21.33	228	251641	18.513	ng/ul	100
87) Di-n-octyl phthalate	22.08	149	254901	15.125	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	290207	17.902	ng/ul	98
89) Benzo(k)fluoranthene	22.92	252	286451	17.970	ng/ul	99
91) Benzo(a)pyrene	23.46	252	281918	18.486	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.83	276	347741	20.933	ng/ul	96
93) Dibenzo(a,h)anthracene	25.84	278	293478	20.998	ng/ul	97
94) Benzo(g,h,i)perylene	26.53	276	284451	21.055	ng/ul	97

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

