

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
 Data File : BN004156.D
 Acq On : 21 Dec 2018 12:48
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02035

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:22:36 PM

Quant Time: Dec 22 04:10:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 14 22:50:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	21598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	106761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	69893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	169896	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	206040	20.00	ng/ul	0.00
85) Perylene-d12	23.73	264	209598	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	3152	9.55	ng/uL	0.00
5) Phenol-d5	6.99	99	40306	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	22934	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	33231	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	34446	19.36	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	17412	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	19929	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	36603	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	37791	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	123995	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	151688	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	22737	17.63	ng/ul	0.01
57) Fluorene-d10	15.46	176	107977	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	21365	17.46	ng/ul	0.01
70) Anthracene-d10	17.31	188	172555	20.10	ng/ul	0.00
78) Pyrene-d10	19.61	212	198078	21.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.58	264	234073	20.59	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.32	88	3409	9.389 ng/uL#	87
4) Benzaldehyde	6.98	77	7289	20.084 ng/ul	98
6) Phenol	7.01	94	40603	18.944 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	30339	19.708 ng/ul	100
10) 2-Chlorophenol	7.39	128	32959	19.845 ng/ul	97
11) 2-Methylphenol	8.26	108	31598	19.062 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	43889m	20.737 ng/ul	
14) Acetophenone	8.65	105	52495	19.727 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	26477	20.150 ng/ul	99
16) 4-Methylphenol	8.59	108	35271	19.359 ng/ul	95
17) Hexachloroethane	8.89	117	12118	20.066 ng/ul	97
20) Nitrobenzene	9.03	77	37095	20.248 ng/ul	99
21) Isophorone	9.55	82	78683	20.679 ng/ul	99
23) 2-Nitrophenol	9.74	139	21045	20.891 ng/ul	98
24) 2,4-Dimethylphenol	9.79	107	40183	20.597 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.03	93	47315	20.779 ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	35154	20.636 ng/ul	99
28) Naphthalene	10.67	128	114421	19.976 ng/ul	99
30) 4-Chloroaniline	10.79	127	37892	22.696 ng/ul	98
31) Hexachlorobutadiene	10.93	225	20590	20.776 ng/ul	99
32) Caprolactam	11.56	113	13829	20.227 ng/ul	98
33) 4-Chloro-3-methylphenol	11.91	107	41156	20.920 ng/ul	98
34) 2-Methylnaphthalene	12.28	142	87620	20.311 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	43686	20.355	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	24088	18.275	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	30299	20.968	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	33049	20.682	ng/ul	100
40) 1,1'-Biphenyl	13.29	154	115172	20.270	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	89511	20.232	ng/ul	98
42) 2-Nitroaniline	13.56	65	26292	21.164	ng/ul	98
44) Dimethylphthalate	13.92	163	120471	19.780	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	25433	20.572	ng/ul	99
47) Acenaphthylene	14.19	152	142795	20.250	ng/ul	100
48) 3-Nitroaniline	14.39	138	25782	20.510	ng/ul	100
49) Acenaphthene	14.53	153	101193	20.152	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	19404	24.216	ng/ul	98
52) 4-Nitrophenol	14.69	109	14435	17.722	ng/ul	95
53) Dibenzofuran	14.86	168	142209	19.951	ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	38447	19.988	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.09	232	29519	19.739	ng/ul	96
56) Diethylphthalate	15.27	149	124706	20.026	ng/ul	100
58) Fluorene	15.52	166	117879	19.862	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	58538	19.907	ng/ul	98
60) 4-Nitroaniline	15.55	138	28829	18.450	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	21872	17.397	ng/ul	96
64) N-Nitrosodiphenylamine	15.72	169	105554	20.528	ng/ul	100
65) 4-Bromophenyl-phenylether	16.40	248	39544	20.704	ng/ul	95
66) Hexachlorobenzene	16.51	284	48365	20.240	ng/ul	98
67) Atrazine	16.66	200	38541	20.564	ng/ul	99
68) Pentachlorophenol	16.86	266	22045	16.159	ng/ul	98
69) Phenanthrene	17.25	178	197123	20.081	ng/ul	100
71) Anthracene	17.35	178	203573	20.231	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	44059	20.707	ng/uL	99
73) Pentachlorobenzene	14.78	250	50461	20.756	ng/uL	98
74) Carbazole	17.62	167	186524	20.173	ng/ul	100
75) Di-n-butylphthalate	18.16	149	228634	20.980	ng/ul	100
76) Fluoranthene	19.27	202	240511	19.989	ng/ul	99
79) Pvrene	19.63	202	244796	21.267	ng/ul	100
80) Butylbenzylphthalate	20.52	149	113228	22.015	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.32	252	94497	19.936	ng/ul	100
82) Benzo(a)anthracene	21.39	228	260309	20.260	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	170836	21.743	ng/ul	98
84) Chrysene	21.44	228	241463	20.064	ng/ul	100
86) Di-n-octyl phthalate	22.19	149	300043	25.472	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	268906	21.417	ng/ul	99
88) Benzo(k)fluoranthene	23.07	252	252361	21.466	ng/ul	99
90) Benzo(a)pyrene	23.63	252	245557	20.308	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.09	276	277405	17.600	ng/ul	99
92) Dibenzo(a,h)anthracene	26.10	278	235247	17.955	ng/ul	100
93) Benzo(g,h,i)perylene	26.82	276	223517	16.943	ng/ul	99

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

