

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
 Data File : BN004320.D
 Acq On : 03 Jan 2019 16:18
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02048

Quant Time: Jan 04 06:31:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 04 06:27:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	38541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	163666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	86532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	173172	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	164014	20.00	ng/ul	0.00
85) Perylene-d12	23.70	264	171633	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	6437	10.93	ng/uL	0.00
5) Phenol-d5	6.98	99	65872	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	38275	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	57068	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	51982	16.37	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	26676	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	30705	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	53733	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	50709	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	141892	18.37	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	186356	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	21332	13.36	ng/ul	0.00
57) Fluorene-d10	15.45	176	123270	18.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	19819	15.89	ng/ul	0.00
70) Anthracene-d10	17.30	188	173056	19.78	ng/ul	0.00
78) Pyrene-d10	19.60	212	169766	23.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	186738	20.06	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	6767	10.444 ng/uL#	83
4) Benzaldehyde	6.96	77	11374	17.562 ng/ul	99
6) Phenol	7.00	94	66144	17.294 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.24	93	50787	18.488 ng/ul	99
10) 2-Chlorophenol	7.38	128	56152	18.947 ng/ul	99
11) 2-Methylphenol	8.25	108	50101	16.937 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	68838	18.227 ng/ul	100
14) Acetophenone	8.63	105	77920	16.409 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	37545	16.012 ng/ul	99
16) 4-Methylphenol	8.58	108	53024	16.309 ng/ul	96
17) Hexachloroethane	8.88	117	21269	19.736 ng/ul	98
20) Nitrobenzene	9.02	77	55902	19.905 ng/ul	98
21) Isophorone	9.53	82	105257	18.045 ng/ul	100
23) 2-Nitrophenol	9.73	139	31898	20.655 ng/ul	97
24) 2,4-Dimethylphenol	9.78	107	57451	19.209 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	67608	19.368 ng/ul	100
27) 2,4-Dichlorophenol	10.26	162	51346	19.661 ng/ul	99
28) Naphthalene	10.66	128	174406	19.862 ng/ul	100
30) 4-Chloroaniline	10.78	127	50824	19.857 ng/ul	99
31) Hexachlorobutadiene	10.92	225	31723	20.880 ng/ul	98
32) Caprolactam	11.55	113	14498	13.833 ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	51664	17.131 ng/ul	96
34) 2-Methylnaphthalene	12.27	142	121706	18.403 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	60018	22.587	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	27579	16.900	ng/ul	99
38) 2,4,6-Trichlorophenol	12.88	196	38125	21.311	ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	40257	20.349	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	150573	21.405	ng/ul	100
41) 2-Chloronaphthalene	13.33	162	117516	21.454	ng/ul	99
42) 2-Nitroaniline	13.55	65	29391	19.109	ng/ul	98
44) Dimethylphthalate	13.90	163	137749	18.268	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	28879	18.868	ng/ul	100
47) Acenaphthylene	14.17	152	174878	20.031	ng/ul	100
48) 3-Nitroaniline	14.37	138	28178	18.106	ng/ul	98
49) Acenaphthene	14.52	153	123608	19.883	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	19048	19.201	ng/ul	99
52) 4-Nitrophenol	14.69	109	12867	12.760	ng/ul	92
53) Dibenzofuran	14.85	168	167926	19.029	ng/ul	100
54) 2,4-Dinitrotoluene	14.83	165	40388	16.959	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.08	232	31605	17.070	ng/ul	97
56) Diethylphthalate	15.26	149	134094	17.393	ng/ul	99
58) Fluorene	15.50	166	134447	18.298	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	67319	18.491	ng/ul	99
60) 4-Nitroaniline	15.54	138	28611	14.790	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.60	198	20212	15.772	ng/ul#	98
64) N-Nitrosodiphenylamine	15.71	169	114957	21.934	ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	43891	22.545	ng/ul	95
66) Hexachlorobenzene	16.50	284	51082	20.973	ng/ul	99
67) Atrazine	16.65	200	37149	19.446	ng/ul	97
68) Pentachlorophenol	16.85	266	26070	18.748	ng/ul	98
69) Phenanthrene	17.24	178	198385	19.827	ng/ul	99
71) Anthracene	17.33	178	205140	20.001	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	57797	26.650	ng/uL	99
73) Pentachlorobenzene	14.76	250	60282	24.327	ng/uL	98
74) Carbazole	17.61	167	174242	18.489	ng/ul	99
75) Di-n-butylphthalate	18.15	149	214355	19.298	ng/ul	99
76) Fluoranthene	19.26	202	211312	17.230	ng/ul	98
79) Pyrene	19.63	202	211113	23.040	ng/ul	99
80) Butylbenzylphthalate	20.50	149	92075	22.489	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.30	252	65741	17.424	ng/ul	99
82) Benzo(a)anthracene	21.37	228	200942	19.647	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	132923	21.253	ng/ul	98
84) Chrysene	21.43	228	189548	19.786	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	219289	22.734	ng/ul	99
87) Benzo(b)fluoranthene	23.00	252	209676	20.394	ng/ul	99
88) Benzo(k)fluoranthene	23.05	252	198341	20.603	ng/ul	99
90) Benzo(a)pyrene	23.60	252	197890	19.986	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.06	276	252369	19.553	ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	210154	19.588	ng/ul	98
93) Benzo(g,h,i)perylene	26.79	276	209787	19.420	ng/ul	100

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

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