

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
 Data File : BN002258.D
 Acq On : 09 Aug 2018 11:40
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02029

Quant Time: Aug 10 00:58:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 08 02:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	278348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1248041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	703460	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1451730	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1050637	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	943376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	45768	7.42	ng/uL	0.00
5) Phenol-d5	6.86	99	475044	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	302260	18.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	379812	18.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	374120	17.72	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	193258	18.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	207494	17.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	380863	17.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	512830	21.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1099872	18.44	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1420974	19.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	176538	15.50	ng/ul	0.00
57) Fluorene-d10	15.32	176	946579	18.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	160940	17.02	ng/ul	0.00
70) Anthracene-d10	17.16	188	1349417	19.06	ng/ul	0.00
78) Pyrene-d10	19.46	212	1244884	22.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	956768	18.78	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	46095	7.444	ng/uL#	89
4) Benzaldehyde	6.83	77	320490	20.613	ng/ul	94
6) Phenol	6.89	94	478911	18.193	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.12	93	373609	18.614	ng/ul#	88
10) 2-Chlorophenol	7.25	128	373877	18.104	ng/ul#	88
11) 2-Methylphenol	8.13	108	360744	17.819	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	606059	18.368	ng/ul#	86
14) Acetophenone	8.50	105	610661	19.056	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.49	70	316912	18.047	ng/ul#	84
16) 4-Methylphenol	8.45	108	395846	18.020	ng/ul	97
17) Hexachloroethane	8.75	117	156553	19.179	ng/ul	99
20) Nitrobenzene	8.87	77	460056	19.331	ng/ul	95
21) Isophorone	9.39	82	862963	18.123	ng/ul	97
23) 2-Nitrophenol	9.58	139	218271	18.229	ng/ul	90
24) 2,4-Dimethylphenol	9.65	107	439997	18.354	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	525008	18.316	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	368642	18.145	ng/ul	99
28) Naphthalene	10.51	128	1254497	19.026	ng/ul	100
30) 4-Chloroaniline	10.62	127	505262	21.142	ng/ul	97
31) Hexachlorobutadiene	10.79	225	236908	19.676	ng/ul	97
32) Caprolactam	11.37	113	116935	15.485	ng/ul#	60
33) 4-Chloro-3-methylphenol	11.75	107	397080	17.376	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	888579	18.476	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	448952	19.682	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	244254	16.881	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	288479	18.399	ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	294236	17.765	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1148260	19.614	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	887025	19.486	ng/ul	97
42) 2-Nitroaniline	13.39	65	270219	18.463	ng/ul#	82
44) Dimethylphthalate	13.77	163	1081153	18.511	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	226595	18.356	ng/ul	97
47) Acenaphthylene	14.03	152	1375617	19.317	ng/ul	100
48) 3-Nitroaniline	14.23	138	227875	18.727	ng/ul	94
49) Acenaphthene	14.38	153	940861	19.142	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	96120	13.237	ng/ul#	1
52) 4-Nitrophenol	14.55	109	130440	16.383	ng/ul#	84
53) Dibenzofuran	14.72	168	1319657	19.002	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	317973	17.760	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.95	232	245940	16.911	ng/ul	97
56) Diethylphthalate	15.15	149	1081543	18.236	ng/ul	99
58) Fluorene	15.37	166	1043861	18.827	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	516648	18.761	ng/ul	93
60) 4-Nitroaniline	15.39	138	235484	16.716	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.46	198	170849	17.452	ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	883003	19.886	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	310262	19.423	ng/ul	92
66) Hexachlorobenzene	16.37	284	337533	19.094	ng/ul	96
67) Atrazine	16.54	200	308423	19.250	ng/ul	98
68) Pentachlorophenol	16.72	266	165229	16.432	ng/ul	99
69) Phenanthrene	17.11	178	1566453	19.214	ng/ul	100
71) Anthracene	17.20	178	1612253	19.417	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	470369	21.729	ng/uL	97
73) Pentachlorobenzene	14.64	250	413402	20.417	ng/uL	99
74) Carbazole	17.47	167	1351875	19.247	ng/ul	99
75) Di-n-butylphthalate	18.04	149	1724180	18.566	ng/ul	100
76) Fluoranthene	19.13	202	1604776	18.548	ng/ul	98
79) Pvrene	19.49	202	1577708	23.402	ng/ul	99
80) Butylbenzylphthalate	20.40	149	644303	20.121	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	414755	18.617	ng/ul	96
82) Benzo(a)anthracene	21.25	228	1267099	18.934	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	901205	19.877	ng/ul	100
84) Chrysene	21.30	228	1179530	18.912	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1340642	21.638	ng/ul#	92
87) Benzo(b)fluoranthene	22.82	252	1111086	19.136	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1071982	19.434	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1045218	18.945	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1238257	19.416	ng/ul	98
92) Dibenzo(a,h)anthracene	25.72	278	1035901	19.409	ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	1038190	19.373	ng/ul	98

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

