

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002518.D
 Acq On : 25 Aug 2018 01:16
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02020

Manual Integrations
 APPROVED

Sohil
 8/27/2018 1:19:54 PM

Quant Time: Aug 25 04:32:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 01:30:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	131313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	630983	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	389600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	951590	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1187964	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1313240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22824	8.21	ng/uL	0.00
5) Phenol-d5	6.85	99	244593	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	156344	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	186799	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	194456	20.20	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	97038	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	103794	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	197502	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	227965	21.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	639121	19.79	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	804969	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	116738	19.12	ng/ul	0.00
57) Fluorene-d10	15.30	176	562191	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	103999	17.17	ng/ul	0.00
70) Anthracene-d10	17.15	188	897948	19.75	ng/ul	0.00
78) Pyrene-d10	19.45	212	1051187	18.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1352988	19.70	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	21364	7.178	ng/uL	99
4) Benzaldehyde	6.82	77	172609	20.867	ng/ul	93
6) Phenol	6.88	94	248033	20.228	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.10	93	189779	20.359	ng/ul#	85
10) 2-Chlorophenol	7.24	128	188837	20.452	ng/ul#	90
11) 2-Methylphenol	8.11	108	186524	20.156	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	337803	21.881	ng/ul#	84
14) Acetophenone	8.49	105	319455	20.759	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.47	70	164788	20.294	ng/ul#	77
16) 4-Methylphenol	8.44	108	205428	20.405	ng/ul	96
17) Hexachloroethane	8.73	117	77498	20.038	ng/ul	99
20) Nitrobenzene	8.86	77	249089	20.723	ng/ul	90
21) Isophorone	9.38	82	479023	20.673	ng/ul	95
23) 2-Nitrophenol	9.56	139	110630	19.927	ng/ul#	85
24) 2,4-Dimethylphenol	9.63	107	232310	20.406	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	273423	20.029	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	190568	20.278	ng/ul	96
28) Naphthalene	10.49	128	638775	19.676	ng/ul	100
30) 4-Chloroaniline	10.60	127	229242	21.613	ng/ul	98
31) Hexachlorobutadiene	10.78	225	117188	19.809	ng/ul	99
32) Caprolactam	11.36	113	72083m	20.417	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	225540	20.856	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	471160	19.664	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	234928	19.907	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	116491	16.250	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	155613	20.478	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	165319	20.332	ng/ul	96
40) 1,1'-Biphenyl	13.13	154	614450	19.701	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	484743	19.938	ng/ul	97
42) 2-Nitroaniline	13.38	65	158422	20.459	ng/ul#	76
44) Dimethylphthalate	13.76	163	629636	19.878	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	126157	19.713	ng/ul	93
47) Acenaphthylene	14.02	152	762903	20.224	ng/ul	99
48) 3-Nitroaniline	14.22	138	122502	20.119	ng/ul	91
49) Acenaphthene	14.36	153	533562	20.052	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	56738	14.819	ng/ul#	1
52) 4-Nitrophenol	14.53	109	100310	21.678	ng/ul#	83
53) Dibenzofuran	14.70	168	755704	20.131	ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	199425	20.668	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.93	232	146660	20.657	ng/ul	99
56) Diethylphthalate	15.13	149	650666	20.133	ng/ul	100
58) Fluorene	15.35	166	620054	20.188	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.35	204	305995	20.186	ng/ul	95
60) 4-Nitroaniline	15.38	138	158793	20.179	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	109641	17.543	ng/ul#	94
64) N-Nitrosodiphenylamine	15.56	169	537403	19.327	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	187321	19.296	ng/ul	94
66) Hexachlorobenzene	16.36	284	211593	19.530	ng/ul	98
67) Atrazine	16.52	200	195209	19.202	ng/ul	97
68) Pentachlorophenol	16.70	266	111732	18.424	ng/ul	97
69) Phenanthrene	17.09	178	1039931	19.824	ng/ul	99
71) Anthracene	17.18	178	1068337	20.080	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	254399	19.119	ng/ul	99
73) Pentachlorobenzene	14.62	250	241082	19.010	ng/ul	99
74) Carbazole	17.46	167	962253	20.394	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1155769	20.150	ng/ul	99
76) Fluoranthene	19.11	202	1287533	21.564	ng/ul	99
79) Pvrene	19.47	202	1317925	18.399	ng/ul	99
80) Butylbenzylphthalate	20.39	149	555931	18.317	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.17	252	409535	17.299	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1431577	19.670	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	868800	19.084	ng/ul	100
84) Chrysene	21.29	228	1346941	19.554	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1568914	18.799	ng/ul#	91
87) Benzo(b)fluoranthene	22.80	252	1579180	20.061	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1418321	19.125	ng/ul	100
90) Benzo(a)pyrene	23.37	252	1480221	19.740	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.68	276	1717603	19.254	ng/ul	96
92) Dibenzo(a,h)anthracene	25.69	278	1441922	19.334	ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	1403849	18.860	ng/ul	95

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

