

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070518\
 Data File : BN001969.D
 Acq On : 05 Jul 2018 16:09
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02088

Quant Time: Jul 05 16:41:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	525349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2386952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1436040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3305691	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3018833	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2573353	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	95697	7.91	ng/uL	0.00
5) Phenol-d5	6.89	99	977095	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	599382	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	775633	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	785803	20.63	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	386365	21.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	427191	23.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	820015	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1078323	26.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2400014	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3043184	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	457452	20.48	ng/ul	0.00
57) Fluorene-d10	15.33	176	2119165	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	384638	21.36	ng/ul	0.00
70) Anthracene-d10	17.18	188	3253234	20.37	ng/ul	0.00
76) Pyrene-d10	19.48	212	3455012	22.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2851828	20.38	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	95919	7.697	ng/uL# 75
4) Benzaldehyde	6.86	77	627832	21.631	ng/ul 93
6) Phenol	6.91	94	994671	20.746	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.14	93	757140	20.372	ng/ul 94
10) 2-Chlorophenol	7.28	128	774045	20.287	ng/ul 99
11) 2-Methylphenol	8.15	108	759168	20.701	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1221364	20.949	ng/ul 94
14) Acetophenone	8.52	105	1207711	20.649	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.51	70	626990	20.786	ng/ul 91
16) 4-Methylphenol	8.48	108	830244	20.776	ng/ul 95
17) Hexachloroethane	8.78	117	293367	19.501	ng/ul 85
20) Nitrobenzene	8.90	77	911302	20.944	ng/ul 94
21) Isophorone	9.42	82	1738425	20.344	ng/ul 98
23) 2-Nitrophenol	9.60	139	449718	22.497	ng/ul 90
24) 2,4-Dimethylphenol	9.67	107	916393	20.368	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.90	93	1080582	20.075	ng/ul 97
27) 2,4-Dichlorophenol	10.13	162	792696	20.833	ng/ul 98
28) Naphthalene	10.53	128	2542156	20.071	ng/ul 99
30) 4-Chloroaniline	10.64	127	1062750	26.521	ng/ul 98
31) Hexachlorobutadiene	10.82	225	463242	19.937	ng/ul 97
32) Caprolactam	11.39	113	268460	20.261	ng/ul 83
33) 4-Chloro-3-methylphenol	11.77	107	868215	20.700	ng/ul 97
34) 2-Methylnaphthalene	12.15	142	1849989	20.136	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	952302	20.417	ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	486936	17.123	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	643006	21.137	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	676253	20.877	ng/ul	96
40) 1,1'-Biphenyl	13.17	154	2436922	20.430	ng/ul#	96
41) 2-Chloronaphthalene	13.21	162	1888590	20.283	ng/ul	99
42) 2-Nitroaniline	13.42	65	588910	22.670	ng/ul	98
44) Dimethylphthalate	13.80	163	2366605	19.856	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	505605	22.466	ng/ul	96
47) Acenaphthylene	14.06	152	2965769	20.524	ng/ul	99
48) 3-Nitroaniline	14.25	138	530820	24.569	ng/ul	96
49) Acenaphthene	14.40	153	2030614	20.257	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	248645	21.533	ng/ul#	89
52) 4-Nitrophenol	14.56	109	324464	19.532	ng/ul#	75
53) Dibenzofuran	14.74	168	2876791	20.004	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	734088	21.939	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.97	232	601108	21.025	ng/ul#	79
56) Diethylphthalate	15.17	149	2386241	19.756	ng/ul	96
58) Fluorene	15.39	166	2316099	20.187	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	1140932	19.849	ng/ul	92
60) 4-Nitroaniline	15.41	138	565115	21.186	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.47	198	408974	21.400	ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	2047598	20.712	ng/ul	98
65) 4-Bromophenyl-phenylether	16.28	248	732372	20.396	ng/ul	95
66) Hexachlorobenzene	16.39	284	804096	19.882	ng/ul#	93
67) Atrazine	16.56	200	723545	20.068	ng/ul	99
68) Pentachlorophenol	16.73	266	461517	20.636	ng/ul	95
69) Phenanthrene	17.13	178	3748708	20.131	ng/ul	100
71) Anthracene	17.22	178	3842669	20.386	ng/ul	98
72) Carbazole	17.49	167	3419697	21.658	ng/ul	98
73) Di-n-butylphthalate	18.06	149	4083754	20.482	ng/ul	99
74) Fluoranthene	19.15	202	4272076	21.825	ng/ul#	88
77) Pyrene	19.51	202	4301538	22.770	ng/ul#	85
78) Butylbenzylphthalate	20.43	149	1831761	22.723	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	1285352	22.437	ng/ul#	98
80) Benzo(a)anthracene	21.27	228	3923758	20.566	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	2557502	21.275	ng/ul	100
82) Chrysene	21.32	228	3662926	20.634	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	4352701	25.505	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	3441548	21.175	ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	3249872	20.620	ng/ul#	97
88) Benzo(a)pyrene	23.42	252	3106272	20.452	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.74	276	3234407	20.013	ng/ul#	85
90) Dibenzo(a,h)anthracene	25.76	278	2760885	20.526	ng/ul#	94
91) Benzo(g,h,i)perylene	26.43	276	2581546	19.364	ng/ul#	91

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

