

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102220\
 Data File : BN012385.D
 Acq On : 22 Oct 2020 13:52
 Operator : CG/JU
 Sample : SSTD00555
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD00555

Quant Time: Oct 22 16:00:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 15:51:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	135300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	514567	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	334030	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	717138	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	781055	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	884318	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8140	2.77	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.12	132	44956	4.73	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.73	128	19892	4.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	21040	4.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	41255	4.69	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.64	166	137517	5.07	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	158627	4.88	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.22	176	119964	5.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.07	188	181869	5.16	ng/ul	0.00
79) Pyrene-d10	19.37	212	193382	4.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	238315	4.67	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	9996	2.879	ng/uL 90
10) 2-Chlorophenol	7.15	128	45103	4.569	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.39	70	34707	4.378	ng/ul 96
17) Hexachloroethane	8.64	117	21674	5.016	ng/ul 92
20) Nitrobenzene	8.77	77	58480	5.147	ng/ul 97
21) Isophorone	9.29	82	93533	4.608	ng/ul 100
23) 2-Nitrophenol	9.48	139	23283	4.419	ng/ul# 89
24) 2,4-Dimethylphenol	9.54	107	52465	4.933	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.78	93	59352	4.793	ng/ul 94
27) 2,4-Dichlorophenol	10.00	162	40382	4.609	ng/ul 98
28) Naphthalene	10.40	128	155879	5.215	ng/ul 99
31) Hexachlorobutadiene	10.68	225	31019	5.546	ng/ul 90
33) 4-Chloro-3-methylphenol	11.65	107	48025	4.840	ng/ul 95
34) 2-Methylnaphthalene	12.02	142	102229	4.970	ng/ul 99
35) 1-Methylnaphthalene	12.25	142	124050	6.098	ng/uL 97
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	54741	5.246	ng/ul 98
39) 2,4,6-Trichlorophenol	12.65	196	32198	4.491	ng/ul 93
40) 2,4,5-Trichlorophenol	12.72	196	31764	4.244	ng/ul 96
41) 1,1'-Biphenyl	13.05	154	141437	5.025	ng/ul# 99
42) 2-Chloronaphthalene	13.09	162	107718	4.884	ng/ul 97
43) 2-Nitroaniline	13.30	65	27754	4.096	ng/ul 98
45) Dimethylphthalate	13.69	163	138988	4.919	ng/ul# 97
46) 2,6-Dinitrotoluene	13.81	165	24832	4.273	ng/ul 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	13.95	152	158286	4.670	ng/ul	97
50) Acenaphthene	14.29	153	121853	5.104	ng/ul	97
54) Dibenzofuran	14.63	168	168722	5.192	ng/ul	99
55) 2,4-Dinitrotoluene	14.60	165	35432	4.257	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	14.86	232	28750	4.460	ng/ul#	93
57) Diethylphthalate	15.06	149	139029	4.855	ng/ul	98
59) Fluorene	15.27	166	136776	5.004	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.28	204	68597	5.143	ng/ul	94
65) N-Nitrosodiphenylamine	15.49	169	112788	4.862	ng/ul	96
66) 4-Bromophenyl-phenylether	16.17	248	40339	5.041	ng/ul	91
67) Hexachlorobenzene	16.28	284	50621	5.244	ng/ul	99
70) Phenanthrene	17.02	178	225994	5.125	ng/ul	99
72) Anthracene	17.10	178	225912	5.092	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	54363	5.269	ng/uL	98
74) Pentachlorobenzene	14.55	250	56275	5.310	ng/uL	99
76) Di-n-butylphthalate	17.95	149	220044	4.336	ng/ul	98
80) Pyrene	19.40	202	277640	4.702	ng/ul	98
81) Butylbenzylphthalate	20.33	149	96155	3.634	ng/ul	97
83) Benzo(a)anthracene	21.16	228	259951	4.850	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.11	149	143450	3.530	ng/ul	98
85) Chrysene	21.22	228	262857	5.004	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	289151	4.655	ng/ul	99
89) Benzo(k)fluoranthene	22.74	252	276684	4.588	ng/ul	97
91) Benzo(a)pyrene	23.26	252	268211	4.712	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.52	276	336386	4.639	ng/ul	99
93) Dibenzo(a,h)anthracene	25.53	278	286045	4.666	ng/ul	94
94) Benzo(g,h,i)perylene	26.17	276	293657	4.869	ng/ul	99

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

