

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
 Data File : BP002252.D
 Acq On : 12 May 2020 14:56
 Operator : CG/JU
 Sample : SSTD00580
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD00580

Quant Time: May 12 16:53:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 12 16:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	345382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1494630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	941846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	2074320	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1978981	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2332308	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	17304	2.15	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	7.15	132	115694	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.76	128	49840	4.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	50480	3.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	115507	4.64	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.67	166	372852	5.23	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	450517	5.28	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.26	176	316382	5.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.11	188	510174	5.47	ng/ul	0.00
79) Pyrene-d10	19.36	212	564262	5.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	605802	5.08	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	19655	2.29	ng/uL#	89
10) 2-Chlorophenol	7.18	128	119354	5.11	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	100926	6.63	ng/ul	99
17) Hexachloroethane	8.69	117	51035	5.50	ng/ul	99
20) Nitrobenzene	8.80	77	138552	5.42	ng/ul	97
21) Isophorone	9.32	82	299164	6.16	ng/ul	100
23) 2-Nitrophenol	9.50	139	57988	4.13	ng/ul	95
24) 2,4-Dimethylphenol	9.58	107	138775	5.30	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	183569	5.97	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	114662	4.64	ng/ul	98
28) Naphthalene	10.44	128	417143	5.21	ng/ul	99
31) Hexachlorobutadiene	10.74	225	78171	4.58	ng/ul	100
33) 4-Chloro-3-methylphenol	11.68	107	125967	5.12	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	285337	5.07	ng/ul	99
35) 1-Methylnaphthalene	12.28	142	285454	5.11	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	151640	4.83	ng/ul	97
39) 2,4,6-Trichlorophenol	12.68	196	92567	4.48	ng/ul	98
40) 2,4,5-Trichlorophenol	12.75	196	99181	4.55	ng/ul	100
41) 1,1'-Biphenyl	13.09	154	381012	5.20	ng/ul	97
42) 2-Chloronaphthalene	13.12	162	303705	5.24	ng/ul	98
43) 2-Nitroaniline	13.32	65	65569	4.75	ng/ul	92
45) Dimethylphthalate	13.72	163	387253	5.26	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	57490	3.85	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	13.97	152	486234	5.38	ng/ul	98
50) Acenaphthene	14.32	153	329286	5.42	ng/ul	99
54) Dibenzofuran	14.66	168	462257	5.39	ng/ul	99
55) 2,4-Dinitrotoluene	14.62	165	84469	3.95	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.89	232	88218	4.42	ng/ul	98
57) Diethylphthalate	15.10	149	388980	5.36	ng/ul	99
59) Fluorene	15.31	166	381147	5.56	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	190956	5.28	ng/ul	98
65) N-Nitrosodiphenylamine	15.53	169	319453	5.41	ng/ul	99
66) 4-Bromophenyl-phenylether	16.21	248	116237	4.89	ng/ul	97
67) Hexachlorobenzene	16.33	284	137958	5.11	ng/ul	95
70) Phenanthrene	17.06	178	616649	5.40	ng/ul	99
72) Anthracene	17.15	178	623035	5.51	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	165977	4.98	ng/uL	100
74) Pentachlorobenzene	14.59	250	166808	5.07	ng/uL	99
76) Di-n-butylphthalate	18.00	149	650551	5.33	ng/ul	99
80) Pyrene	19.39	202	772705	5.73	ng/ul	99
81) Butylbenzylphthalate	20.29	149	233000	4.26	ng/ul	94
83) Benzo(a)anthracene	21.10	228	712951	5.32	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	408767	5.09	ng/ul	98
85) Chrysene	21.14	228	710198	5.56	ng/ul	99
88) Benzo(b)fluoranthene	22.65	252	742420	5.08	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	756303	5.28	ng/ul	97
91) Benzo(a)pyrene	23.22	252	691317	5.21	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	845644	4.91	ng/ul	99
93) Dibenzo(a,h)anthracene	25.54	278	712426	5.01	ng/ul	99
94) Benzo(g,h,i)perylene	26.21	276	724918	4.99	ng/ul	99

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

