

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
 Data File : BP002258.D
 Acq On : 12 May 2020 19:11
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV82

Quant Time: May 12 19:40:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 12 18:30:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	319845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1380094	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	781936	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1480005	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1029602	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1040159	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	68744	8.61	ng/uL	0.00
5) Phenol-d5	6.80	99	626705	22.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	411495	24.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	473156	21.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	481776	22.09	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	234387	22.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	250535	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	474721	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	648823	24.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	1234796	21.15	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1537488	21.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	213003	21.04	ng/ul	0.00
58) Fluorene-d10	15.26	176	1035488	21.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	157524	21.99	ng/ul	0.00
71) Anthracene-d10	17.11	188	1445290	21.92	ng/ul	0.00
79) Pyrene-d10	19.36	212	1390765	23.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1150013	21.35	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.19	88	75638	8.63 ng/uL	97
4) Benzaldehyde	6.76	77	413292	25.82 ng/ul	99
6) Phenol	6.82	94	650607	22.62 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	521950	22.40 ng/ul	100
10) 2-Chlorophenol	7.19	128	490267	22.00 ng/ul	99
11) 2-Methylphenol	8.06	108	488006	22.25 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	715370	22.50 ng/ul	100
14) Acetophenone	8.43	105	776674	24.04 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	403726	22.26 ng/ul	99
16) 4-Methylphenol	8.39	108	521221	22.36 ng/ul	98
17) Hexachloroethane	8.69	117	198437	21.42 ng/ul	96
20) Nitrobenzene	8.80	77	586971	22.19 ng/ul	100
21) Isophorone	9.33	82	1134566	21.04 ng/ul	99
23) 2-Nitrophenol	9.51	139	272186	22.70 ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	551375	21.73 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	713010	21.58 ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	460747	21.41 ng/ul	99
28) Naphthalene	10.44	128	1558255	21.59 ng/ul	100
30) 4-Chloroaniline	10.55	127	670164	25.41 ng/ul	98
31) Hexachlorobutadiene	10.75	225	280956	20.40 ng/ul	98
32) Caprolactam	11.29	113	149616	19.09 ng/ul	98
33) 4-Chloro-3-methylphenol	11.69	107	501044	21.15 ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1101807	21.82 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	1031853	20.84	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	541507	22.46	ng/ul	97
38) Hexachlorocyclopentadiene	12.43	237	304144	23.24	ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	352198	21.94	ng/ul	95
40) 2,4,5-Trichlorophenol	12.75	196	372720	21.90	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	1355074	23.00	ng/ul	98
42) 2-Chloronaphthalene	13.12	162	1056620	22.52	ng/ul	100
43) 2-Nitroaniline	13.32	65	306973	23.57	ng/ul	98
45) Dimethylphthalate	13.73	163	1212805	20.41	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	265598	22.98	ng/ul	98
48) Acenaphthylene	13.98	152	1674196	22.54	ng/ul	99
49) 3-Nitroaniline	14.16	138	281406	24.21	ng/ul	95
50) Acenaphthene	14.32	153	1093732	22.03	ng/ul	99
51) 2,4-Dinitrophenol	14.37	184	107104	18.79	ng/ul	99
53) 4-Nitrophenol	14.47	109	161573	21.00	ng/ul	99
54) Dibenzofuran	14.66	168	1523020	22.05	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	328758	20.77	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.89	232	295389	20.24	ng/ul	92
57) Diethylphthalate	15.11	149	1174527	19.82	ng/ul	98
59) Fluorene	15.32	166	1119707	21.60	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	551397	21.06	ng/ul	98
61) 4-Nitroaniline	15.33	138	267951	23.52	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.39	198	172044	22.73	ng/ul	97
65) N-Nitrosodiphenylamine	15.53	169	1011810	23.89	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	340630	21.34	ng/ul	97
67) Hexachlorobenzene	16.33	284	363326	20.21	ng/ul	96
68) Atrazine	16.49	200	298754	19.69	ng/ul	98
69) Pentachlorophenol	16.67	266	211012	20.64	ng/ul	99
70) Phenanthrene	17.06	178	1723949	21.71	ng/ul	100
72) Anthracene	17.15	178	1749387	22.22	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	539762	23.55	ng/uL	99
74) Pentachlorobenzene	14.59	250	482055	21.84	ng/uL	99
75) Carbazole	17.42	167	1536385	23.41	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1740630	19.89	ng/ul	99
77) Fluoranthene	19.03	202	1757017	21.13	ng/ul	98
80) Pyrene	19.39	202	1798186	23.35	ng/ul	98
81) Butylbenzylphthalate	20.29	149	559847	20.01	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.03	252	499571	19.70	ng/ul#	96
83) Benzo(a)anthracene	21.09	228	1396132	20.05	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	849804	19.06	ng/ul	97
85) Chrysene	21.14	228	1355234	20.15	ng/ul	99
87) Di-n-octyl phthalate	21.93	149	1393845	18.94	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	1358430	20.27	ng/ul	97
89) Benzo(k)fluoranthene	22.70	252	1361735	20.77	ng/ul	98
91) Benzo(a)pyrene	23.22	252	1343522	22.18	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	1642531	24.03	ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	1356938	24.00	ng/ul	99
94) Benzo(g,h,i)perylene	26.20	276	1406721	24.04	ng/ul	95

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

