

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010620\
 Data File : BN009311.D
 Acq On : 06 Jan 2020 15:04
 Operator : JU
 Sample : SSTD02054
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020541

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:30:04 PM

Quant Time: Jan 06 16:03:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 06 16:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	213964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	980795	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	665555	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1429276	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1345556	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1423103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	40353	8.33	ng/uL	0.00
5) Phenol-d5	6.68	99	349879	17.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	255064	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	270412	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	307104	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	144451	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	158632	20.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	308668	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	322002	17.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	983113	19.98	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1177277	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	176605	19.99	ng/ul	0.00
58) Fluorene-d10	15.12	176	847297	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	171711	19.69	ng/ul	0.00
71) Anthracene-d10	16.96	188	1304724	20.06	ng/ul	0.00
79) Pyrene-d10	19.27	212	1446808	22.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1375537	19.46	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.13	88	40568	7.562	ng/uL 100
4) Benzaldehyde	6.65	77	157804m	12.049	ng/ul
6) Phenol	6.70	94	374486	17.901	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.93	93	307632	18.978	ng/ul 100
10) 2-Chlorophenol	7.06	128	275955	18.621	ng/ul 100
11) 2-Methylphenol	7.93	108	289087	18.586	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.02	45	757916	40.596	ng/ul 100
14) Acetophenone	8.30	105	491267	19.671	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.29	70	284898	20.649	ng/ul 100
16) 4-Methylphenol	8.26	108	327791	18.982	ng/ul 100
17) Hexachloroethane	8.54	117	130187	21.284	ng/ul 100
20) Nitrobenzene	8.66	77	401553	20.498	ng/ul 100
21) Isophorone	9.19	82	768493	20.988	ng/ul 100
23) 2-Nitrophenol	9.37	139	170434	19.978	ng/ul 100
24) 2,4-Dimethylphenol	9.44	107	380438	20.673	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.68	93	462904	20.350	ng/ul 100
27) 2,4-Dichlorophenol	9.90	162	302753	20.534	ng/ul 100
28) Naphthalene	10.29	128	1032811	20.095	ng/ul 100
30) 4-Chloroaniline	10.40	127	318307	17.237	ng/ul 100
31) Hexachlorobutadiene	10.58	225	191631	21.025	ng/ul 100
32) Caprolactam	11.18	113	104373m	18.734	ng/ul
33) 4-Chloro-3-methylphenol	11.54	107	373222	21.096	ng/ul 100
34) 2-Methylnaphthalene	11.91	142	736278	20.042	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	746665	19.912	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	382531	21.262	ng/ul	100
38) Hexachlorocyclopentadiene	12.27	237	216346	26.687	ng/ul	100
39) 2,4,6-Trichlorophenol	12.53	196	248051	20.847	ng/ul	100
40) 2,4,5-Trichlorophenol	12.61	196	271296	21.150	ng/ul	100
41) 1,1'-Biphenyl	12.95	154	986848	19.864	ng/ul	100
42) 2-Chloronaphthalene	12.98	162	770078	19.729	ng/ul	100
43) 2-Nitroaniline	13.19	65	288862	25.241	ng/ul	100
45) Dimethylphthalate	13.59	163	1013268	19.810	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	205063	20.352	ng/ul	100
48) Acenaphthylene	13.83	152	1246389	19.907	ng/ul	100
49) 3-Nitroaniline	14.03	138	146725	15.344	ng/ul	100
50) Acenaphthene	14.18	153	840601	19.527	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	107630	19.009	ng/ul	100
53) 4-Nitrophenol	14.36	109	155997	22.139	ng/ul	100
54) Dibenzofuran	14.52	168	1158652	19.360	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	296919	19.513	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	228223	19.681	ng/ul	100
57) Diethylphthalate	14.97	149	1043413	20.064	ng/ul	100
59) Fluorene	15.17	166	976699	19.325	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	485539	19.756	ng/ul	100
61) 4-Nitroaniline	15.20	138	168766	15.984	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.27	198	183608	19.716	ng/ul	100
65) N-Nitrosodiphenylamine	15.39	169	832829	20.041	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	281076	18.501	ng/ul	100
67) Hexachlorobenzene	16.18	284	317606	17.073	ng/ul	100
68) Atrazine	16.36	200	312925	20.257	ng/ul	100
69) Pentachlorophenol	16.53	266	180741	18.541	ng/ul	100
70) Phenanthrene	16.91	178	1581476	19.764	ng/ul	100
72) Anthracene	17.00	178	1598460	19.870	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	378867	21.121	ng/uL	100
74) Pentachlorobenzene	14.45	250	370599	18.759	ng/uL	100
75) Carbazole	17.27	167	1357246	19.640	ng/ul	100
76) Di-n-butylphthalate	17.86	149	1825560	22.027	ng/ul	100
77) Fluoranthene	18.93	202	1791315	20.539	ng/ul	100
80) Pvrene	19.30	202	1939532	22.080	ng/ul	100
81) Butylbenzylphthalate	20.23	149	798212	23.065	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.00	252	462299	15.477	ng/ul	100
83) Benzo(a)anthracene	21.06	228	1771821	20.668	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1209982	23.462	ng/ul	100
85) Chrysene	21.11	228	1768142	21.042	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	2031289	26.418	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1689256	19.838	ng/ul	100
89) Benzo(k)fluoranthene	22.61	252	1705532	20.414	ng/ul	100
91) Benzo(a)pyrene	23.10	252	1550329	20.126	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.27	276	1712313	18.512	ng/ul	100
93) Dibenzo(a,h)anthracene	25.29	278	1431061	18.454	ng/ul	100
94) Benzo(a,h,i)perylene	25.90	276	1357302	17.972	ng/ul	100

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

