

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010820\
 Data File : BN009324.D
 Acq On : 08 Jan 2020 09:59
 Operator : JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020513

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:11:17 PM

Quant Time: Jan 08 10:53:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 06 17:39:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	220038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	979492	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	652037	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1439554	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1274619	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1245246	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	41087	7.90	ng/uL	0.00
5) Phenol-d5	6.68	99	363076	18.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	260748	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	278829	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	304596	18.84	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	142615	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	157027	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	300673	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	327328	18.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	977664	20.29	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1154661	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	175397	19.22	ng/ul	0.00
58) Fluorene-d10	15.12	176	846410	20.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	167233	18.08	ng/ul	0.00
71) Anthracene-d10	16.96	188	1303349	19.94	ng/ul	0.00
79) Pyrene-d10	19.27	212	1407898	20.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1202280	19.37	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.13	88	42787	7.702	ng/uL 97
4) Benzaldehyde	6.64	77	159855m	14.342	ng/ul
6) Phenol	6.70	94	381692	18.642	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.92	93	312156	19.056	ng/ul 99
10) 2-Chlorophenol	7.05	128	281342	19.262	ng/ul 99
11) 2-Methylphenol	7.93	108	288530	18.653	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.01	45	788458	20.273	ng/ul 100
14) Acetophenone	8.29	105	490341	19.235	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.29	70	280081	19.701	ng/ul 93
16) 4-Methylphenol	8.25	108	327100	19.126	ng/ul 90
17) Hexachloroethane	8.54	117	133986	20.063	ng/ul 97
20) Nitrobenzene	8.66	77	406993	20.200	ng/ul 97
21) Isophorone	9.19	82	764401	19.746	ng/ul 98
23) 2-Nitrophenol	9.36	139	172271	20.091	ng/ul 97
24) 2,4-Dimethylphenol	9.44	107	387187	20.391	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.67	93	459786	19.738	ng/ul 99
27) 2,4-Dichlorophenol	9.89	162	295300	19.649	ng/ul 94
28) Naphthalene	10.28	128	1016151	19.537	ng/ul 99
30) 4-Chloroaniline	10.40	127	325356	18.418	ng/ul 98
31) Hexachlorobutadiene	10.57	225	194225	19.885	ng/ul 96
32) Caprolactam	11.17	113	100138m	18.431	ng/ul
33) 4-Chloro-3-methylphenol	11.54	107	368853	19.895	ng/ul 99
34) 2-Methylnaphthalene	11.90	142	730793	19.892	ng/ul 99

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35) 1-Methylnaphthalene	12.13	142	738777	19.700	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	374862	19.935	ng/ul	94
38) Hexachlorocyclopentadiene	12.26	237	218479	18.579	ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	247524	20.252	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	260043	19.801	ng/ul	96
41) 1,1'-Biphenyl	12.94	154	970898	19.938	ng/ul	98
42) 2-Chloronaphthalene	12.97	162	764928	20.035	ng/ul	99
43) 2-Nitroaniline	13.19	65	293114	20.473	ng/ul	95
45) Dimethylphthalate	13.59	163	1000351	20.201	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	201920	20.318	ng/ul	94
48) Acenaphthylene	13.83	152	1236652	20.091	ng/ul	99
49) 3-Nitroaniline	14.03	138	146529	16.620	ng/ul	97
50) Acenaphthene	14.18	153	839527	20.283	ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	105007	16.882	ng/ul	99
53) 4-Nitrophenol	14.35	109	162322	20.697	ng/ul	93
54) Dibenzofuran	14.52	168	1141914	19.934	ng/ul	95
55) 2,4-Dinitrotoluene	14.50	165	302266	20.885	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.75	232	231258	20.112	ng/ul	99
57) Diethylphthalate	14.96	149	1046293	20.304	ng/ul	100
59) Fluorene	15.17	166	972968	20.169	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.17	204	485899	20.193	ng/ul	99
61) 4-Nitroaniline	15.20	138	167745	16.687	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.26	198	178051	18.309	ng/ul#	89
65) N-Nitrosodiphenylamine	15.39	169	838799	19.936	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	287157	19.537	ng/ul	97
67) Hexachlorobenzene	16.18	284	320968	19.476	ng/ul	98
68) Atrazine	16.36	200	309463	19.343	ng/ul	97
69) Pentachlorophenol	16.52	266	180325	18.126	ng/ul	96
70) Phenanthrene	16.91	178	1564567	19.665	ng/ul	99
72) Anthracene	17.00	178	1583353	19.684	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	368564	18.929	ng/uL	99
74) Pentachlorobenzene	14.44	250	369243	19.585	ng/uL	98
75) Carbazole	17.27	167	1355777	19.809	ng/ul	99
76) Di-n-butylphthalate	17.86	149	1797189	19.893	ng/ul	100
77) Fluoranthene	18.93	202	1785867	19.530	ng/ul	99
80) Pvrene	19.29	202	1885733	20.537	ng/ul	97
81) Butylbenzylphthalate	20.23	149	786747	20.431	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	430891	15.941	ng/ul	96
83) Benzo(a)anthracene	21.06	228	1714391	19.783	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1190761	20.500	ng/ul	99
85) Chrysene	21.11	228	1658529	19.667	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	1913052	20.588	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1549634	19.743	ng/ul	96
89) Benzo(k)fluoranthene	22.61	252	1568594	20.239	ng/ul	99
91) Benzo(a)pyrene	23.10	252	1391408	19.980	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1424466	18.876	ng/ul	96
93) Dibenzo(a,h)anthracene	25.29	278	1218749	19.223	ng/ul	97
94) Benzo(a,h,i)perylene	25.90	276	1181069	19.423	ng/ul	97

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

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