

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010362.D
 Acq On : 01 Apr 2020 15:41
 Operator : CG/JU
 Sample : SSTD04053
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04053

Manual Integrations
 APPROVED

mohammad
 4/3/2020 2:18:45 PM

Quant Time: Apr 01 16:13:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 15:37:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	529226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	2349239	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1599951	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3594504	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3648897	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4304084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	180482	14.70	ng/uL	0.00
5) Phenol-d5	6.80	99	1817719	43.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	946420	38.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1494272	45.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1534135	45.97	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	750950	48.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	815376	64.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1639698	46.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1998375	45.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	4882453	40.45	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	5820976	39.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	942382	50.80	ng/ul	0.00
58) Fluorene-d10	15.24	176	4267254	39.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	862331	63.72	ng/ul	0.00
71) Anthracene-d10	17.09	188	6662393	39.68	ng/ul	0.00
79) Pyrene-d10	19.39	212	7619919	38.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	8869427	41.45	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.24	88	194536	14.969	ng/uL 98
4) Benzaldehyde	6.76	77	1159517	49.225	ng/ul 97
6) Phenol	6.82	94	1922577	43.657	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.05	93	1457861	42.301	ng/ul 99
10) 2-Chlorophenol	7.19	128	1520285	44.563	ng/ul 97
11) 2-Methylphenol	8.05	108	1482490	44.316	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1005484	24.528	ng/ul 98
14) Acetophenone	8.42	105	2326653	43.244	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.42	70	1154793	42.741	ng/ul 99
16) 4-Methylphenol	8.38	108	1616360	45.199	ng/ul 97
17) Hexachloroethane	8.68	117	609230	40.266	ng/ul 99
20) Nitrobenzene	8.79	77	1753667	42.581	ng/ul 97
21) Isophorone	9.32	82	3403791	40.338	ng/ul 99
23) 2-Nitrophenol	9.50	139	917309	61.614	ng/ul 97
24) 2,4-Dimethylphenol	9.57	107	1819519	42.909	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.80	93	2090616	42.137	ng/ul 100
27) 2,4-Dichlorophenol	10.03	162	1617650	45.280	ng/ul 96
28) Naphthalene	10.42	128	5160914	40.588	ng/ul 100
30) 4-Chloroaniline	10.53	127	2011085	45.930	ng/ul 100
31) Hexachlorobutadiene	10.72	225	1057800	39.106	ng/ul 97
32) Caprolactam	11.29	113	532411m	44.603	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	1734617	46.494	ng/ul 99
34) 2-Methylnaphthalene	12.04	142	3756384	41.471	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	3692263	40.979	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	2040199	39.051	ng/uL	99
38) Hexachlorocyclopentadiene	12.40	237	1404246	39.927	ng/uL	98
39) 2,4,6-Trichlorophenol	12.66	196	1372755	49.065	ng/uL	97
40) 2,4,5-Trichlorophenol	12.73	196	1462607	47.758	ng/uL	97
41) 1,1'-Biphenyl	13.07	154	4905114	39.722	ng/uL	99
42) 2-Chloronaphthalene	13.10	162	3881107	39.217	ng/uL	99
43) 2-Nitroaniline	13.30	65	962633	47.279	ng/uL	99
45) Dimethylphthalate	13.70	163	5101664	40.457	ng/uL	99
46) 2,6-Dinitrotoluene	13.82	165	1088485	52.273	ng/uL	93
48) Acenaphthylene	13.96	152	6209665	39.695	ng/uL	99
49) 3-Nitroaniline	14.14	138	1036249	53.598	ng/uL	94
50) Acenaphthene	14.30	153	4194459	39.309	ng/uL	98
51) 2,4-Dinitrophenol	14.35	184	588230	74.611	ng/uL	98
53) 4-Nitrophenol	14.46	109	753835	48.676	ng/uL	100
54) Dibenzofuran	14.64	168	5938122	40.073	ng/uL	99
55) 2,4-Dinitrotoluene	14.60	165	1553877	53.129	ng/uL	98
56) 2,3,4,6-Tetrachlorophenol	14.87	232	1272782	52.982	ng/uL	96
57) Diethylphthalate	15.09	149	5092902	40.786	ng/uL	99
59) Fluorene	15.29	166	4740689	37.995	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.29	204	2444119	38.465	ng/uL	99
61) 4-Nitroaniline	15.31	138	1135072	48.222	ng/uL	98
64) 4,6-Dinitro-2-methylphenol	15.37	198	942504	59.599	ng/uL#	96
65) N-Nitrosodiphenylamine	15.50	169	4215928	39.964	ng/uL	100
66) 4-Bromophenyl-phenylether	16.19	248	1514716	39.274	ng/uL	94
67) Hexachlorobenzene	16.30	284	1722252	39.533	ng/uL	94
68) Atrazine	16.47	200	1686783	40.089	ng/uL	98
69) Pentachlorophenol	16.64	266	1089563	52.890	ng/uL	97
70) Phenanthrene	17.03	178	7966484	39.297	ng/uL	98
72) Anthracene	17.12	178	8101271	39.244	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	2215432	39.479	ng/uL	97
74) Pentachlorobenzene	14.56	250	2129179	39.505	ng/uL	94
75) Carbazole	17.39	167	7216026	40.845	ng/uL	99
76) Di-n-butylphthalate	17.97	149	8685615	40.886	ng/uL	99
77) Fluoranthene	19.05	202	9845956	42.374	ng/uL	99
80) Pvrene	19.42	202	9829714	37.311	ng/uL	98
81) Butylbenzylphthalate	20.34	149	4150331	48.187	ng/uL	99
82) 3,3'-Dichlorobenzidine	21.11	252	3691078	45.040	ng/uL	99
83) Benzo(a)anthracene	21.17	228	9916717	38.401	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.13	149	6139659	43.604	ng/uL	98
85) Chrysene	21.22	228	9231560	37.145	ng/uL	96
87) Di-n-octyl phthalate	22.00	149	10451845	42.828	ng/uL	100
88) Benzo(b)fluoranthene	22.72	252	10622122	39.241	ng/uL	97
89) Benzo(k)fluoranthene	22.76	252	10361921	39.054	ng/uL	97
91) Benzo(a)pyrene	23.27	252	9999949	40.159	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	12552487	40.470	ng/uL	99
93) Dibenzo(a,h)anthracene	25.53	278	10349739	40.350	ng/uL	96
94) Benzo(a,h,i)perylene	26.18	276	10802422	42.328	ng/uL	97

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

