

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009640.D
 Acq On : 07 Feb 2020 10:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02060

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:40 AM

Quant Time: Feb 07 14:11:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	157320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	667617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	408879	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	894444	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	830949	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	895096	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	30346	7.91	ng/uL	0.00
5) Phenol-d5	6.63	99	297996	21.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	201092	21.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	232481	23.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	233905	21.41	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	110503	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	127804	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	226597	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	253350	22.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	675735	22.64	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	797834	22.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	129633	22.99	ng/ul	0.00
57) Fluorene-d10	15.07	176	571649	21.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	110118	19.71	ng/ul	0.00
70) Anthracene-d10	16.93	188	899860	22.14	ng/ul	0.00
78) Pyrene-d10	19.23	212	956050	21.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	966700	21.93	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.10	88	34324	7.847	ng/uL	87
4) Benzaldehyde	6.60	77	213171	22.644	ng/ul	97
6) Phenol	6.66	94	317977	21.686	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.88	93	251029	21.948	ng/ul	99
10) 2-Chlorophenol	7.00	128	243495	23.238	ng/ul	99
11) 2-Methylphenol	7.88	108	233517	21.552	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.96	45	541676	19.796	ng/ul	98
14) Acetophenone	8.25	105	368157	21.057	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.24	70	200518	21.657	ng/ul#	95
16) 4-Methylphenol	8.21	108	254240	21.414	ng/ul	97
17) Hexachloroethane	8.49	117	101727	21.420	ng/ul	99
20) Nitrobenzene	8.62	77	311889	21.874	ng/ul	97
21) Isophorone	9.14	82	549374	21.415	ng/ul	98
23) 2-Nitrophenol	9.32	139	135570	22.464	ng/ul	96
24) 2,4-Dimethylphenol	9.39	107	286188	21.836	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	334921	21.480	ng/ul	97
27) 2,4-Dichlorophenol	9.85	162	225953	21.452	ng/ul	95
28) Naphthalene	10.23	128	765377	21.141	ng/ul	100
30) 4-Chloroaniline	10.36	127	255801	22.195	ng/ul	99
31) Hexachlorobutadiene	10.52	225	136955	20.362	ng/ul	94
32) Caprolactam	11.13	113	80630m	22.836	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	265920	21.654	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	534714	21.105	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.24	216	262819	22.090	ng/ul	91
37) Hexachlorocyclopentadiene	12.21	237	84347	13.026	ng/ul	95
38) 2,4,6-Trichlorophenol	12.49	196	183687	23.713	ng/ul	97
39) 2,4,5-Trichlorophenol	12.56	196	200135	23.596	ng/ul	95
40) 1,1'-Biphenyl	12.89	154	672129	21.113	ng/ul	97
41) 2-Chloronaphthalene	12.93	162	535517	21.420	ng/ul	97
42) 2-Nitroaniline	13.15	65	214655	23.757	ng/ul	88
44) Dimethylphthalate	13.55	163	705217	22.263	ng/ul	100
45) 2,6-Dinitrotoluene	13.66	165	150502	24.334	ng/ul	97
47) Acenaphthylene	13.79	152	850130	21.540	ng/ul	99
48) 3-Nitroaniline	13.99	138	136910	24.379	ng/ul	93
49) Acenaphthene	14.13	153	581530	21.674	ng/ul	100
50) 2,4-Dinitrophenol	14.22	184	76223	19.970	ng/ul	94
52) 4-Nitrophenol	14.32	109	108166	21.446	ng/ul	93
53) Dibenzofuran	14.47	168	807101	21.602	ng/ul	99
54) 2,4-Dinitrotoluene	14.47	165	215045	23.706	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.72	232	164746	22.873	ng/ul#	98
56) Diethylphthalate	14.93	149	714374	22.541	ng/ul	99
58) Fluorene	15.13	166	695760	22.282	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.13	204	335729	22.135	ng/ul	95
60) 4-Nitroaniline	15.17	138	156099	21.832	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.24	198	120570	19.990	ng/ul	99
64) N-Nitrosodiphenylamine	15.35	169	583647	21.833	ng/ul	97
65) 4-Bromophenyl-phenylether	16.03	248	195460	22.177	ng/ul	96
66) Hexachlorobenzene	16.14	284	216865	22.446	ng/ul	94
67) Atrazine	16.32	200	209774	21.396	ng/ul	96
68) Pentachlorophenol	16.49	266	125112	21.465	ng/ul	95
69) Phenanthrene	16.87	178	1106204	21.686	ng/ul	100
71) Anthracene	16.96	178	1142802	22.080	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	273985	20.948	ng/uL	98
73) Pentachlorobenzene	14.40	250	277922	22.015	ng/uL	97
74) Carbazole	17.24	167	984701	21.851	ng/ul	98
75) Di-n-butylphthalate	17.82	149	1233476	22.330	ng/ul	99
76) Fluoranthene	18.90	202	1230315	21.133	ng/ul	97
79) Pvrene	19.26	202	1326570	21.869	ng/ul	95
80) Butylbenzylphthalate	20.20	149	564882	23.243	ng/ul	98
81) 3,3'-Dichlorobenzidine	20.97	252	416675	23.433	ng/ul	100
82) Benzo(a)anthracene	21.03	228	1215077	21.179	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	807064	22.039	ng/ul	99
84) Chrysene	21.08	228	1170546	20.494	ng/ul	99
86) Di-n-octyl phthalate	21.85	149	1407751	21.320	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	1187170	21.199	ng/ul	99
88) Benzo(k)fluoranthene	22.59	252	1181407	21.421	ng/ul	99
90) Benzo(a)pyrene	23.07	252	1104853	21.294	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.23	276	1320457	21.405	ng/ul	96
92) Dibenzo(a,h)anthracene	25.24	278	1132328	21.807	ng/ul	97
93) Benzo(g,h,i)perylene	25.86	276	1083166	20.951	ng/ul	96

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

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