

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
 Data File : BN009689.D
 Acq On : 10 Feb 2020 17:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02065

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:51:30 AM

Quant Time: Feb 11 05:59:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	136544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	586972	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	362722	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	763514	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	679551	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	724895	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	24966	7.50	ng/uL	-0.01
5) Phenol-d5	6.63	99	232964	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	158803	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	180673	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	187693	19.79	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	89721	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	99404	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	181984	19.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	193887	19.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	522784	19.74	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	652219	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	94839	18.96	ng/ul	0.00
57) Fluorene-d10	15.07	176	455675	19.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	86036	18.04	ng/ul	0.00
70) Anthracene-d10	16.92	188	689496	19.87	ng/ul	0.00
78) Pyrene-d10	19.23	212	734953	20.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	729927	20.45	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	26288	6.924	ng/uL 92
4) Benzaldehyde	6.59	77	167956	20.556	ng/ul 95
6) Phenol	6.65	94	248655	19.538	ng/ul 95
8) Bis(2-Chloroethyl)ether	6.88	93	197170	19.862	ng/ul 98
10) 2-Chlorophenol	7.00	128	189457	20.832	ng/ul 98
11) 2-Methylphenol	7.88	108	184436	19.612	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	455541	19.181	ng/ul 99
14) Acetophenone	8.25	105	303335	19.990	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.23	70	165470	20.591	ng/ul 97
16) 4-Methylphenol	8.20	108	202595	19.660	ng/ul 97
17) Hexachloroethane	8.48	117	82976	20.130	ng/ul 96
20) Nitrobenzene	8.61	77	249471	19.900	ng/ul 95
21) Isophorone	9.13	82	449448	19.927	ng/ul 99
23) 2-Nitrophenol	9.32	139	110959	20.912	ng/ul 91
24) 2,4-Dimethylphenol	9.39	107	226062	19.618	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.62	93	268426	19.581	ng/ul 100
27) 2,4-Dichlorophenol	9.84	162	184115	19.881	ng/ul 97
28) Naphthalene	10.23	128	612842	19.253	ng/ul 99
30) 4-Chloroaniline	10.35	127	200230	19.761	ng/ul 99
31) Hexachlorobutadiene	10.52	225	115270	19.492	ng/ul 98
32) Caprolactam	11.12	113	57621m	18.561	ng/ul
33) 4-Chloro-3-methylphenol	11.49	107	210642	19.509	ng/ul 97
34) 2-Methylnaphthalene	11.85	142	434866	19.522	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	216851	20.546	ng/ul	95
37) Hexachlorocyclopentadiene	12.21	237	64092	11.157	ng/ul	94
38) 2,4,6-Trichlorophenol	12.48	196	140395	20.430	ng/ul	99
39) 2,4,5-Trichlorophenol	12.56	196	150950	20.062	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	566017	20.042	ng/ul	97
41) 2-Chloronaphthalene	12.92	162	446411	20.128	ng/ul	97
42) 2-Nitroaniline	13.15	65	166329	20.751	ng/ul	95
44) Dimethylphthalate	13.54	163	544794	19.387	ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	116905	21.307	ng/ul	93
47) Acenaphthylene	13.78	152	700567	20.009	ng/ul	99
48) 3-Nitroaniline	13.99	138	103203	20.715	ng/ul	97
49) Acenaphthene	14.13	153	466477	19.598	ng/ul	100
50) 2,4-Dinitrophenol	14.22	184	55375	16.354	ng/ul	92
52) 4-Nitrophenol	14.32	109	80888	18.078	ng/ul	96
53) Dibenzofuran	14.47	168	643678	19.420	ng/ul	96
54) 2,4-Dinitrotoluene	14.46	165	165000	20.504	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	14.71	232	128722	20.146	ng/ul	98
56) Diethylphthalate	14.92	149	559612	19.905	ng/ul	100
58) Fluorene	15.12	166	533395	19.256	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.13	204	263254	19.566	ng/ul	98
60) 4-Nitroaniline	15.16	138	110085	17.356	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.23	198	94111	18.279	ng/ul	99
64) N-Nitrosodiphenylamine	15.35	169	456590	20.009	ng/ul	98
65) 4-Bromophenyl-phenylether	16.02	248	148764	19.773	ng/ul	95
66) Hexachlorobenzene	16.13	284	171382	20.781	ng/ul	95
67) Atrazine	16.32	200	170613	20.386	ng/ul	92
68) Pentachlorophenol	16.49	266	94237	18.941	ng/ul	98
69) Phenanthrene	16.86	178	845392	19.415	ng/ul	99
71) Anthracene	16.96	178	876810	19.846	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	231954	20.775	ng/ul	99
73) Pentachlorobenzene	14.40	250	219628	20.381	ng/ul	96
74) Carbazole	17.23	167	755506	19.640	ng/ul	99
75) Di-n-butylphthalate	17.82	149	959492	20.349	ng/ul	99
76) Fluoranthene	18.89	202	966660	19.452	ng/ul	99
79) Pvrene	19.26	202	1005482	20.269	ng/ul	97
80) Butylbenzylphthalate	20.19	149	427161	21.492	ng/ul	96
81) 3,3'-Dichlorobenzidine	20.96	252	301703	20.747	ng/ul	97
82) Benzo(a)anthracene	21.02	228	956937	20.395	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	20.98	149	620065	20.705	ng/ul	97
84) Chrysene	21.07	228	925408	19.812	ng/ul	99
86) Di-n-octyl phthalate	21.83	149	1084455	20.280	ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	913769	20.148	ng/ul	100
88) Benzo(k)fluoranthene	22.57	252	887542	19.871	ng/ul	97
90) Benzo(a)pyrene	23.06	252	833860	19.844	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.21	276	959509	19.206	ng/ul	96
92) Dibenzo(a,h)anthracene	25.22	278	816524	19.417	ng/ul	98
93) Benzo(g,h,i)perylene	25.83	276	784367	18.733	ng/ul	97

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

