

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
 Data File : BN010114.D
 Acq On : 05 Mar 2020 20:48
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02084

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:19:27 PM

Quant Time: Mar 06 04:26:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 14:04:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	99251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	437072	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	286693	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	602867	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	542324	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	560737	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	18747	7.77	ng/uL	0.00
5) Phenol-d5	6.56	99	175099	20.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	116984	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	134361	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	136003	20.25	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	66635	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	76272	21.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	140867	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	171575	22.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	422132	19.71	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	482362	19.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	65454	16.74	ng/ul	0.00
58) Fluorene-d10	15.00	176	359166	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	67912	18.13	ng/ul	0.00
71) Anthracene-d10	16.86	188	545446	19.74	ng/ul	0.00
79) Pyrene-d10	19.17	212	589821	20.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	582949	20.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.03	88	19440	7.012	ng/uL 98
4) Benzaldehyde	6.53	77	72703	12.950	ng/ul 99
6) Phenol	6.59	94	188040	20.786	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.80	93	143932	20.243	ng/ul 97
10) 2-Chlorophenol	6.93	128	145336	21.709	ng/ul 99
11) 2-Methylphenol	7.81	108	140025	21.151	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.89	45	379129	21.751	ng/ul 100
14) Acetophenone	8.18	105	234595	21.439	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.16	70	130378	22.803	ng/ul 99
16) 4-Methylphenol	8.13	108	154346	21.248	ng/ul 94
17) Hexachloroethane	8.40	117	64152	21.063	ng/ul 97
20) Nitrobenzene	8.54	77	189078	20.067	ng/ul 96
21) Isophorone	9.06	82	346766	20.911	ng/ul 98
23) 2-Nitrophenol	9.24	139	86240	22.033	ng/ul 95
24) 2,4-Dimethylphenol	9.32	107	178717	21.029	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.55	93	200094	19.744	ng/ul 98
27) 2,4-Dichlorophenol	9.77	162	147130	21.685	ng/ul 97
28) Naphthalene	10.15	128	463153	19.651	ng/ul 99
30) 4-Chloroaniline	10.28	127	184834	23.889	ng/ul 99
31) Hexachlorobutadiene	10.43	225	91544	20.176	ng/ul 90
32) Caprolactam	11.07	113	44177m	19.416	ng/ul
33) 4-Chloro-3-methylphenol	11.42	107	163542	21.080	ng/ul 98
34) 2-Methylnaphthalene	11.77	142	340235	20.789	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	328491	20.024	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	173946	20.469	ng/uL	94
38) Hexachlorocyclopentadiene	12.13	237	45574	12.395	ng/uL	96
39) 2,4,6-Trichlorophenol	12.42	196	113851	21.110	ng/uL	96
40) 2,4,5-Trichlorophenol	12.50	196	123974	21.427	ng/uL	99
41) 1,1'-Biphenyl	12.82	154	447748	20.334	ng/uL	98
42) 2-Chloronaphthalene	12.85	162	343699	19.654	ng/uL	98
43) 2-Nitroaniline	13.09	65	136661	21.370	ng/uL	98
45) Dimethylphthalate	13.47	163	445292	19.928	ng/uL	99
46) 2,6-Dinitrotoluene	13.60	165	88170	20.156	ng/uL	99
48) Acenaphthylene	13.72	152	536874	19.667	ng/uL	98
49) 3-Nitroaniline	13.93	138	81132	20.089	ng/uL	96
50) Acenaphthene	14.06	153	362674	19.381	ng/uL	99
51) 2,4-Dinitrophenol	14.17	184	39859	15.872	ng/uL	99
53) 4-Nitrophenol	14.27	109	64192	18.190	ng/uL	91
54) Dibenzofuran	14.40	168	530623	20.202	ng/uL	95
55) 2,4-Dinitrotoluene	14.41	165	130090	20.066	ng/uL	95
56) 2,3,4,6-Tetrachlorophenol	14.65	232	105518	21.211	ng/uL	96
57) Diethylphthalate	14.86	149	447178	19.490	ng/uL	99
59) Fluorene	15.06	166	433343	19.659	ng/uL	92
60) 4-Chlorophenyl-phenylether	15.06	204	216648	19.928	ng/uL	95
61) 4-Nitroaniline	15.11	138	88717m	18.014	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.19	198	73102	18.120	ng/uL	92
65) N-Nitrosodiphenylamine	15.29	169	366458	20.487	ng/uL	98
66) 4-Bromophenyl-phenylether	15.96	248	126107	20.905	ng/uL	96
67) Hexachlorobenzene	16.07	284	135216	20.257	ng/uL	90
68) Atrazine	16.26	200	126671	18.668	ng/uL	98
69) Pentachlorophenol	16.43	266	68364	17.722	ng/uL	98
70) Phenanthrene	16.80	178	671407	19.514	ng/uL	99
72) Anthracene	16.89	178	671582	19.094	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.78	216	172445	19.579	ng/uL	98
74) Pentachlorobenzene	14.33	250	163932	19.300	ng/uL	97
75) Carbazole	17.17	167	602424	19.450	ng/uL	99
76) Di-n-butylphthalate	17.75	149	732986	19.173	ng/uL	99
77) Fluoranthene	18.83	202	746974	18.535	ng/uL	97
80) Pvrene	19.20	202	772342	19.753	ng/uL	95
81) Butylbenzylphthalate	20.13	149	340029	21.155	ng/uL	98
82) 3,3'-Dichlorobenzidine	20.92	252	225051	19.033	ng/uL	91
83) Benzo(a)anthracene	20.97	228	770976	20.687	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	20.93	149	499561	20.357	ng/uL	97
85) Chrysene	21.03	228	721272	19.658	ng/uL	98
87) Di-n-octyl phthalate	21.78	149	831578	19.594	ng/uL	100
88) Benzo(b)fluoranthene	22.47	252	764269	21.022	ng/uL	99
89) Benzo(k)fluoranthene	22.51	252	681572	19.799	ng/uL	99
91) Benzo(a)pyrene	22.99	252	703923	21.527	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	25.11	276	779693	20.084	ng/uL	95
93) Dibenzo(a,h)anthracene	25.12	278	666476	20.068	ng/uL	98
94) Benzo(a,h,i)perylene	25.73	276	657326	20.193	ng/uL	97

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

