

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010100.D
 Acq On : 05 Mar 2020 04:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02088

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:48 PM

Quant Time: Mar 05 08:24:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 04 01:30:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	100562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	440674	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	286672	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	581892	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	507500	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	546571	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	18642m	7.62	ng/uL	0.00
5) Phenol-d5	6.56	99	173380	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	116717	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	132790	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	139356	20.48	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	66515	20.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.21	143	75877	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	144618	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	171493	22.51	ng/ul	-0.01
44) Dimethylphthalate-d6	13.43	166	412802	19.28	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	491351	19.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	67156	17.17	ng/ul	0.00
58) Fluorene-d10	15.00	176	348866	18.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	68922	19.07	ng/ul	0.00
71) Anthracene-d10	16.86	188	532833	19.98	ng/ul	0.00
79) Pyrene-d10	19.17	212	552263	20.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	526358	19.28	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.04	88	19666m	7.001	ng/uL
4) Benzaldehyde	6.53	77	69830	12.276	ng/ul
6) Phenol	6.59	94	189134	20.634	ng/ul
8) Bis(2-Chloroethyl)ether	6.80	93	143190	19.876	ng/ul
10) 2-Chlorophenol	6.93	128	143208	21.112	ng/ul
11) 2-Methylphenol	7.81	108	140441	20.938	ng/ul
12) 2,2'-oxybis(1-Chloropropan	7.89	45	357743m	20.256	ng/ul
14) Acetophenone	8.18	105	236433	21.325	ng/ul
15) N-Nitroso-di-n-propylamine	8.16	70	130118	22.460	ng/ul
16) 4-Methylphenol	8.14	108	155788	21.167	ng/ul
17) Hexachloroethane	8.40	117	64099	20.771	ng/ul
20) Nitrobenzene	8.54	77	186187	19.599	ng/ul
21) Isophorone	9.06	82	349632	20.912	ng/ul
23) 2-Nitrophenol	9.24	139	85829	21.748	ng/ul
24) 2,4-Dimethylphenol	9.32	107	179395	20.936	ng/ul
25) Bis(2-Chloroethoxy)methane	9.55	93	201870	19.756	ng/ul
27) 2,4-Dichlorophenol	9.77	162	144830	21.172	ng/ul
28) Naphthalene	10.15	128	469073	19.739	ng/ul
30) 4-Chloroaniline	10.28	127	185780	23.815	ng/ul
31) Hexachlorobutadiene	10.43	225	89757	19.620	ng/ul
32) Caprolactam	11.08	113	44470m	19.385	ng/ul
33) 4-Chloro-3-methylphenol	11.42	107	166550	21.292	ng/ul
34) 2-Methylnaphthalene	11.78	142	342185	20.738	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	327887	19.824	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	174465	20.532	ng/uL	99
38) Hexachlorocyclopentadiene	12.13	237	41188	11.203	ng/uL	98
39) 2,4,6-Trichlorophenol	12.42	196	114951	21.315	ng/uL	98
40) 2,4,5-Trichlorophenol	12.50	196	123670	21.376	ng/uL	95
41) 1,1'-Biphenyl	12.82	154	451586	20.510	ng/uL	96
42) 2-Chloronaphthalene	12.86	162	342362	19.579	ng/uL	99
43) 2-Nitroaniline	13.09	65	135436	21.180	ng/uL	99
45) Dimethylphthalate	13.48	163	425480	19.043	ng/uL	100
46) 2,6-Dinitrotoluene	13.60	165	87772	20.067	ng/uL	95
48) Acenaphthylene	13.72	152	531847	19.485	ng/uL	99
49) 3-Nitroaniline	13.93	138	82048	20.318	ng/uL	92
50) Acenaphthene	14.06	153	359860	19.232	ng/uL	95
51) 2,4-Dinitrophenol	14.17	184	43729	17.414	ng/uL	88
53) 4-Nitrophenol	14.27	109	63361	17.956	ng/uL	96
54) Dibenzofuran	14.40	168	519740	19.789	ng/uL	95
55) 2,4-Dinitrotoluene	14.42	165	128234	19.781	ng/uL	95
56) 2,3,4,6-Tetrachlorophenol	14.65	232	102094	20.524	ng/uL	97
57) Diethylphthalate	14.86	149	437842	19.084	ng/uL	100
59) Fluorene	15.06	166	419375	19.027	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.06	204	205554	18.909	ng/uL	94
61) 4-Nitroaniline	15.12	138	78255m	15.891	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.19	198	74187	19.052	ng/uL	95
65) N-Nitrosodiphenylamine	15.29	169	367281	21.273	ng/uL	100
66) 4-Bromophenyl-phenylether	15.96	248	121536	20.873	ng/uL	90
67) Hexachlorobenzene	16.07	284	129174	20.049	ng/uL#	94
68) Atrazine	16.26	200	124014	18.935	ng/uL	95
69) Pentachlorophenol	16.43	266	72339	19.429	ng/uL	98
70) Phenanthrene	16.80	178	655306	19.733	ng/uL	99
72) Anthracene	16.90	178	675418	19.895	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.78	216	169961	19.992	ng/uL	97
74) Pentachlorobenzene	14.33	250	166214	20.274	ng/uL	96
75) Carbazole	17.18	167	586312	19.612	ng/uL	99
76) Di-n-butylphthalate	17.76	149	718394	19.469	ng/uL	99
77) Fluoranthene	18.84	202	730648	18.783	ng/uL	96
80) Pvrene	19.20	202	725229	19.821	ng/uL	97
81) Butylbenzylphthalate	20.14	149	328286	21.826	ng/uL	95
82) 3,3'-Dichlorobenzidine	20.92	252	231353	20.908	ng/uL	97
83) Benzo(a)anthracene	20.97	228	702038	20.130	ng/uL	100
84) Bis(2-ethylhexyl)phthalate	20.93	149	480419	20.921	ng/uL	97
85) Chrysene	21.02	228	685645	19.969	ng/uL	98
87) Di-n-octyl phthalate	21.77	149	832393	20.122	ng/uL	100
88) Benzo(b)fluoranthene	22.47	252	674758	19.041	ng/uL	100
89) Benzo(k)fluoranthene	22.51	252	689887	20.560	ng/uL	98
91) Benzo(a)pyrene	22.99	252	654172	20.524	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	25.11	276	725759	19.179	ng/uL	96
93) Dibenzo(a,h)anthracene	25.12	278	612666	18.926	ng/uL	97
94) Benzo(a,h,i)perylene	25.73	276	619064	19.510	ng/uL	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

