

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010106.D
 Acq On : 05 Mar 2020 09:11
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02082

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:25:12 AM

Quant Time: Mar 05 16:41:10 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	94050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	412824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	264437	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	560123	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	496226	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	539406	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	15977m	6.99	ng/uL	0.00
5) Phenol-d5	6.56	99	165624	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	108327	19.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	126202	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	128848	20.25	ng/ul	0.00
19) Nitrobenzene-d5	8.49	128	61061	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	69511	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	128612	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	158703	22.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	385929	19.54	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	447717	19.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	60453	16.76	ng/ul	0.00
58) Fluorene-d10	15.00	176	334157	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	63020	18.11	ng/ul	0.00
71) Anthracene-d10	16.86	188	495271	19.29	ng/ul	0.00
79) Pyrene-d10	19.17	212	530922	20.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	526271	19.54	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.03	88	18489	7.038	ng/uL	94
4) Benzaldehyde	6.52	77	70732	13.296	ng/ul	89
6) Phenol	6.59	94	173509	20.240	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.80	93	135790	20.154	ng/ul	96
10) 2-Chlorophenol	6.92	128	134728	21.238	ng/ul	97
11) 2-Methylphenol	7.80	108	128396	20.467	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.89	45	341355	20.667	ng/ul	98
14) Acetophenone	8.17	105	216691	20.898	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.16	70	120874	22.309	ng/ul	98
16) 4-Methylphenol	8.13	108	142280	20.670	ng/ul	93
17) Hexachloroethane	8.39	117	58145	20.146	ng/ul	93
20) Nitrobenzene	8.54	77	176805	19.867	ng/ul	97
21) Isophorone	9.06	82	319293	20.386	ng/ul	99
23) 2-Nitrophenol	9.24	139	77571	20.982	ng/ul	100
24) 2,4-Dimethylphenol	9.31	107	165877	20.665	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.55	93	187081	19.544	ng/ul	99
27) 2,4-Dichlorophenol	9.77	162	133123	20.773	ng/ul	99
28) Naphthalene	10.15	128	432785	19.441	ng/ul	99
30) 4-Chloroaniline	10.28	127	169147	23.146	ng/ul	100
31) Hexachlorobutadiene	10.43	225	83813	19.557	ng/ul#	86
32) Caprolactam	11.06	113	38745m	18.028	ng/ul	
33) 4-Chloro-3-methylphenol	11.42	107	153133	20.898	ng/ul	99
34) 2-Methylnaphthalene	11.77	142	318124	20.580	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	299590	19.335	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	162788	20.769	ng/uL	96
38) Hexachlorocyclopentadiene	12.13	237	39313	11.592	ng/uL	99
39) 2,4,6-Trichlorophenol	12.42	196	105012	21.109	ng/uL	96
40) 2,4,5-Trichlorophenol	12.49	196	111453	20.884	ng/uL	98
41) 1,1'-Biphenyl	12.82	154	418175	20.589	ng/uL	98
42) 2-Chloronaphthalene	12.85	162	321776	19.949	ng/uL	99
43) 2-Nitroaniline	13.09	65	125314	21.245	ng/uL	98
45) Dimethylphthalate	13.47	163	396805	19.253	ng/uL	99
46) 2,6-Dinitrotoluene	13.60	165	81334	20.158	ng/uL	97
48) Acenaphthylene	13.71	152	491554	19.523	ng/uL	99
49) 3-Nitroaniline	13.93	138	76024	20.409	ng/uL	90
50) Acenaphthene	14.06	153	335739	19.451	ng/uL	96
51) 2,4-Dinitrophenol	14.17	184	39599	17.095	ng/uL	96
53) 4-Nitrophenol	14.27	109	60172	18.486	ng/uL	92
54) Dibenzofuran	14.40	168	486597	20.085	ng/uL	97
55) 2,4-Dinitrotoluene	14.41	165	120666	20.179	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.65	232	95533	20.820	ng/uL	98
57) Diethylphthalate	14.86	149	406884	19.226	ng/uL	98
59) Fluorene	15.06	166	395201	19.437	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.06	204	194748	19.421	ng/uL	96
61) 4-Nitroaniline	15.11	138	76014	16.734	ng/uL	91
64) 4,6-Dinitro-2-methylphenol	15.19	198	66744	17.806	ng/uL	98
65) N-Nitrosodiphenylamine	15.29	169	346161	20.829	ng/uL	99
66) 4-Bromophenyl-phenylether	15.96	248	112289	20.035	ng/uL	95
67) Hexachlorobenzene	16.07	284	121275	19.555	ng/uL	94
68) Atrazine	16.26	200	118482	18.793	ng/uL	94
69) Pentachlorophenol	16.43	266	63725	17.780	ng/uL	95
70) Phenanthrene	16.80	178	607857	19.016	ng/uL	99
72) Anthracene	16.89	178	626116	19.160	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	12.77	216	158030	19.311	ng/uL	95
74) Pentachlorobenzene	14.33	250	152215	19.288	ng/uL	93
75) Carbazole	17.18	167	552268	19.191	ng/uL	98
76) Di-n-butylphthalate	17.76	149	686104	19.316	ng/uL	99
77) Fluoranthene	18.84	202	690194	18.433	ng/uL	96
80) Pvrene	19.20	202	717714	20.062	ng/uL	96
81) Butylbenzylphthalate	20.14	149	309998	21.078	ng/uL	95
82) 3,3'-Dichlorobenzidine	20.92	252	208870	19.305	ng/uL	99
83) Benzo(a)anthracene	20.97	228	701892	20.583	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	20.93	149	462665	20.605	ng/uL	97
85) Chrysene	21.03	228	649598	19.349	ng/uL	96
87) Di-n-octyl phthalate	21.78	149	777285	19.039	ng/uL	100
88) Benzo(b)fluoranthene	22.47	252	677412	19.370	ng/uL	98
89) Benzo(k)fluoranthene	22.52	252	654885	19.776	ng/uL	95
91) Benzo(a)pyrene	23.00	252	639866	20.342	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	717463	19.212	ng/uL	95
93) Dibenzo(a,h)anthracene	25.12	278	610138	19.098	ng/uL	97
94) Benzo(a,h,i)perylene	25.73	276	592420	18.919	ng/uL	98

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

