

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
 Data File : BN011184.D
 Acq On : 15 Jul 2020 20:02
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

Manual Integrations
 APPROVED

mohammad
 7/16/2020 11:06:56 AM

Quant Time: Jul 16 01:04:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 14:43:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	165430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	718094	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	475193	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1076336	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1216857	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1189568	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	32923	7.60	ng/uL	0.00
5) Phenol-d5	6.69	99	261378	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	142875	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	225872	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	221306	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	110363	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	122906	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	230278	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	289834	22.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	719425	18.67	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	857754	18.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	131366	19.08	ng/ul	0.00
58) Fluorene-d10	15.12	176	621155	18.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	122154	18.60	ng/ul	0.00
71) Anthracene-d10	16.97	188	999761	19.08	ng/ul	0.00
79) Pyrene-d10	19.28	212	1147040	18.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1257746	19.51	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.18	88	38180	8.360	ng/uL 95
4) Benzaldehyde	6.65	77	170647	25.523	ng/ul 97
6) Phenol	6.72	94	286134	19.849	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.93	93	215925	20.281	ng/ul 99
10) 2-Chlorophenol	7.06	128	234952	18.840	ng/ul 95
11) 2-Methylphenol	7.93	108	220236	20.489	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	142866m	20.065	ng/ul
14) Acetophenone	8.30	105	363718	19.621	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.29	70	182274	19.274	ng/ul 99
16) 4-Methylphenol	8.26	108	241155	20.332	ng/ul 97
17) Hexachloroethane	8.55	117	102312	18.851	ng/ul 96
20) Nitrobenzene	8.67	77	280876	18.549	ng/ul 100
21) Isophorone	9.19	82	480010	18.548	ng/ul 99
23) 2-Nitrophenol	9.37	139	135274	19.395	ng/ul 98
24) 2,4-Dimethylphenol	9.45	107	279249	19.200	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.67	93	294645	18.812	ng/ul 98
27) 2,4-Dichlorophenol	9.90	162	239200	19.095	ng/ul 99
28) Naphthalene	10.29	128	772927	18.361	ng/ul 100
30) 4-Chloroaniline	10.41	127	309411	23.401	ng/ul 100
31) Hexachlorobutadiene	10.58	225	164877	19.009	ng/ul 96
32) Caprolactam	11.19	113	65207m	19.379	ng/ul
33) 4-Chloro-3-methylphenol	11.54	107	254907	18.970	ng/ul 97
34) 2-Methylnaphthalene	11.91	142	565473	18.524	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	524071	18.479	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	294487	18.097	ng/uL	95
38) Hexachlorocyclopentadiene	12.27	237	193481	19.297	ng/uL	95
39) 2,4,6-Trichlorophenol	12.53	196	192796	18.616	ng/uL	95
40) 2,4,5-Trichlorophenol	12.61	196	210807	18.169	ng/uL	95
41) 1,1'-Biphenyl	12.95	154	762117	18.887	ng/uL	98
42) 2-Chloronaphthalene	12.98	162	605104	18.901	ng/uL	99
43) 2-Nitroaniline	13.19	65	146042	18.016	ng/uL	91
45) Dimethylphthalate	13.59	163	746951	18.348	ng/uL	99
46) 2,6-Dinitrotoluene	13.70	165	146332	18.140	ng/uL	95
48) Acenaphthylene	13.83	152	898203	18.599	ng/uL	99
49) 3-Nitroaniline	14.03	138	147341	19.792	ng/uL	98
50) Acenaphthene	14.19	153	624236	18.403	ng/uL	97
51) 2,4-Dinitrophenol	14.25	184	79559	17.100	ng/uL	92
53) 4-Nitrophenol	14.36	109	123885	18.740	ng/uL	99
54) Dibenzofuran	14.52	168	900018	18.516	ng/uL	99
55) 2,4-Dinitrotoluene	14.50	165	225769	19.178	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.76	232	179175	18.481	ng/uL	94
57) Diethylphthalate	14.97	149	748733	18.670	ng/uL	99
59) Fluorene	15.18	166	732908	17.904	ng/uL	95
60) 4-Chlorophenyl-phenylether	15.18	204	368439	17.997	ng/uL	99
61) 4-Nitroaniline	15.20	138	164823	18.751	ng/uL	88
64) 4,6-Dinitro-2-methylphenol	15.27	198	130253	19.041	ng/uL	97
65) N-Nitrosodiphenylamine	15.40	169	647266	19.152	ng/uL	98
66) 4-Bromophenyl-phenylether	16.07	248	222506	18.799	ng/uL	91
67) Hexachlorobenzene	16.19	284	244851	18.643	ng/uL	97
68) Atrazine	16.36	200	233361	20.344	ng/uL	98
69) Pentachlorophenol	16.53	266	146986	18.928	ng/uL	98
70) Phenanthrene	16.92	178	1202594	18.453	ng/uL	98
72) Anthracene	17.01	178	1219214	18.424	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	328043	20.718	ng/uL	97
74) Pentachlorobenzene	14.45	250	291398	19.171	ng/uL	96
75) Carbazole	17.28	167	1120614	19.872	ng/uL	98
76) Di-n-butylphthalate	17.87	149	1299506	19.321	ng/uL	97
77) Fluoranthene	18.95	202	1440638	19.618	ng/uL	99
80) Pvrene	19.31	202	1535159	18.710	ng/uL	99
81) Butylbenzylphthalate	20.24	149	617805	19.734	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.02	252	494250	19.356	ng/uL	100
83) Benzo(a)anthracene	21.07	228	1611332	18.768	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	977127	19.634	ng/uL	97
85) Chrysene	21.13	228	1555910	18.842	ng/uL	100
87) Di-n-octyl phthalate	21.90	149	1696792	21.928	ng/uL	100
88) Benzo(b)fluoranthene	22.60	252	1591344	19.512	ng/uL	99
89) Benzo(k)fluoranthene	22.64	252	1636223	19.934	ng/uL	99
91) Benzo(a)pyrene	23.13	252	1390204	19.327	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	1600629	18.809	ng/uL	97
93) Dibenzo(a,h)anthracene	25.32	278	1330638	18.624	ng/uL	99
94) Benzo(a,h,i)perylene	25.94	276	1288818	18.748	ng/uL	99

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

