

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
 Data File : BN011194.D
 Acq On : 16 Jul 2020 18:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02061

Manual Integrations
 APPROVED

mohammad
 7/17/2020 12:31:41 PM

Quant Time: Jul 16 19:12:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 09:28:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	230744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	938624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	557583	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1250027	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1398931	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1257197	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	41441	6.86	ng/uL	0.00
5) Phenol-d5	6.69	99	319764	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	169551	17.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	286406	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	302810	20.01	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	148989	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	162087	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	312449	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	391599	23.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	876328	19.38	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1005499	18.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	151364	18.74	ng/ul	0.00
58) Fluorene-d10	15.12	176	726444	18.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	143390	18.80	ng/ul	0.00
71) Anthracene-d10	16.97	188	1156176	19.00	ng/ul	0.00
79) Pyrene-d10	19.28	212	1319964	18.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1355431	19.90	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.18	88	43196	6.781	ng/uL 98
4) Benzaldehyde	6.65	77	220731	23.669	ng/ul 99
6) Phenol	6.71	94	347413	17.278	ng/ul 94
8) Bis(2-Chloroethyl)ether	6.93	93	265602	17.885	ng/ul 98
10) 2-Chlorophenol	7.06	128	295897	17.011	ng/ul 95
11) 2-Methylphenol	7.93	108	294867	19.667	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	214731	21.621	ng/ul 95
14) Acetophenone	8.30	105	511863	19.797	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.29	70	251957	19.101	ng/ul 98
16) 4-Methylphenol	8.26	108	324765	19.631	ng/ul 99
17) Hexachloroethane	8.54	117	141043	18.632	ng/ul 96
20) Nitrobenzene	8.67	77	389424	19.675	ng/ul 99
21) Isophorone	9.19	82	668205	19.754	ng/ul 98
23) 2-Nitrophenol	9.37	139	182814	20.052	ng/ul 96
24) 2,4-Dimethylphenol	9.44	107	378159	19.892	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.67	93	405416	19.803	ng/ul 99
27) 2,4-Dichlorophenol	9.89	162	322258	19.681	ng/ul 96
28) Naphthalene	10.29	128	1034986	18.810	ng/ul 98
30) 4-Chloroaniline	10.40	127	404381	23.398	ng/ul 99
31) Hexachlorobutadiene	10.58	225	214501	18.919	ng/ul 97
32) Caprolactam	11.18	113	85493m	19.439	ng/ul
33) 4-Chloro-3-methylphenol	11.54	107	338259	19.259	ng/ul 96
34) 2-Methylnaphthalene	11.90	142	745033	18.672	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	681301	18.379	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	390613	20.458	ng/uL	98
38) Hexachlorocyclopentadiene	12.27	237	246216	20.928	ng/uL	90
39) 2,4,6-Trichlorophenol	12.53	196	250102	20.581	ng/uL	97
40) 2,4,5-Trichlorophenol	12.60	196	275820	20.260	ng/uL	98
41) 1,1'-Biphenyl	12.95	154	915820	19.343	ng/uL	94
42) 2-Chloronaphthalene	12.98	162	734942	19.564	ng/uL	99
43) 2-Nitroaniline	13.19	65	187966	19.762	ng/uL	94
45) Dimethylphthalate	13.59	163	930658	19.482	ng/uL	100
46) 2,6-Dinitrotoluene	13.70	165	182053	19.233	ng/uL	94
48) Acenaphthylene	13.83	152	1063560	18.768	ng/uL	96
49) 3-Nitroaniline	14.03	138	176578	20.214	ng/uL	100
50) Acenaphthene	14.18	153	738617	18.558	ng/uL	94
51) 2,4-Dinitrophenol	14.25	184	92112	16.872	ng/uL#	91
53) 4-Nitrophenol	14.36	109	140962	18.172	ng/uL	93
54) Dibenzofuran	14.52	168	1034583	18.139	ng/uL	100
55) 2,4-Dinitrotoluene	14.50	165	256993	18.604	ng/uL#	95
56) 2,3,4,6-Tetrachlorophenol	14.76	232	209832	18.445	ng/uL	95
57) Diethylphthalate	14.97	149	897843	19.080	ng/uL	98
59) Fluorene	15.17	166	894664	18.627	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.18	204	436768	18.182	ng/uL	96
61) 4-Nitroaniline	15.20	138	187407	18.170	ng/uL	99
64) 4,6-Dinitro-2-methylphenol	15.27	198	151300	19.044	ng/uL	98
65) N-Nitrosodiphenylamine	15.40	169	742155	18.908	ng/uL	99
66) 4-Bromophenyl-phenylether	16.07	248	264264	19.225	ng/uL	93
67) Hexachlorobenzene	16.19	284	286994	18.815	ng/uL	97
68) Atrazine	16.36	200	275742	20.699	ng/uL	97
69) Pentachlorophenol	16.53	266	170523	18.908	ng/uL	98
70) Phenanthrene	16.92	178	1380619	18.241	ng/uL	98
72) Anthracene	17.00	178	1438252	18.714	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	382042	20.776	ng/uL	98
74) Pentachlorobenzene	14.45	250	339103	19.210	ng/uL	94
75) Carbazole	17.28	167	1313968	20.063	ng/uL	98
76) Di-n-butylphthalate	17.87	149	1508233	19.308	ng/uL	98
77) Fluoranthene	18.95	202	1670737	19.590	ng/uL	98
80) Pvrene	19.31	202	1786491	18.939	ng/uL	99
81) Butylbenzylphthalate	20.24	149	719612	19.994	ng/uL	95
82) 3,3'-Dichlorobenzidine	21.02	252	551535	18.789	ng/uL	99
83) Benzo(a)anthracene	21.07	228	1798438	18.221	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	1161894	20.308	ng/uL	99
85) Chrysene	21.13	228	1700670	17.915	ng/uL	98
87) Di-n-octyl phthalate	21.90	149	1965231	24.031	ng/uL	100
88) Benzo(b)fluoranthene	22.60	252	1727767	20.045	ng/uL	98
89) Benzo(k)fluoranthene	22.64	252	1734620	19.996	ng/uL	97
91) Benzo(a)pyrene	23.13	252	1494757	19.663	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	1652595	18.375	ng/uL	95
93) Dibenzo(a,h)anthracene	25.32	278	1386703	18.365	ng/uL	97
94) Benzo(a,h,i)perylene	25.94	276	1329918	18.305	ng/uL	99

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

