

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009747.D
 Acq On : 18 Feb 2020 17:38
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02069

Manual Integrations
 APPROVED

mohammad
 2/20/2020 8:57:51 AM

Quant Time: Feb 19 03:37:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:49:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	119931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	481909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	307375	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	658319	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	641743	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	651249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	23272	7.98	ng/uL	0.00
5) Phenol-d5	6.62	99	203133	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	143275	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	158599	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	163002	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	74515	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	82914	21.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	157709	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	176105	21.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	475674	20.72	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	572777	21.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	82414	19.65	ng/ul	0.00
58) Fluorene-d10	15.06	176	416765	21.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	77971	19.07	ng/ul	0.00
71) Anthracene-d10	16.91	188	639073	21.18	ng/ul	0.00
79) Pyrene-d10	19.22	212	668309	19.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	687842	21.15	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.08	88	26124	7.799	ng/uL 98
4) Benzaldehyde	6.58	77	149660	22.061	ng/ul 96
6) Phenol	6.64	94	216846	19.837	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.86	93	178608	20.788	ng/ul 95
10) 2-Chlorophenol	6.99	128	168454	20.824	ng/ul 96
11) 2-Methylphenol	7.86	108	160190	20.025	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	452847	21.500	ng/ul 99
14) Acetophenone	8.23	105	262771	19.873	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.22	70	147725	21.381	ng/ul 100
16) 4-Methylphenol	8.19	108	174097	19.835	ng/ul 99
17) Hexachloroethane	8.46	117	77670	21.104	ng/ul 97
20) Nitrobenzene	8.60	77	224413	21.601	ng/ul 98
21) Isophorone	9.12	82	387428	21.190	ng/ul 98
23) 2-Nitrophenol	9.30	139	92458	21.424	ng/ul 96
24) 2,4-Dimethylphenol	9.37	107	201744	21.530	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.60	93	240443	21.518	ng/ul 99
27) 2,4-Dichlorophenol	9.83	162	163378	21.840	ng/ul 96
28) Naphthalene	10.21	128	553988	21.318	ng/ul 97
30) 4-Chloroaniline	10.34	127	181018	21.219	ng/ul 99
31) Hexachlorobutadiene	10.50	225	107477	21.483	ng/ul 94
32) Caprolactam	11.12	113	48166m	19.199	ng/ul
33) 4-Chloro-3-methylphenol	11.47	107	182421	21.326	ng/ul 97
34) 2-Methylnaphthalene	11.83	142	383885	21.274	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	381759	21.106	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	194931	21.395	ng/uL	90
38) Hexachlorocyclopentadiene	12.19	237	75310	19.105	ng/uL	94
39) 2,4,6-Trichlorophenol	12.47	196	124096	21.461	ng/uL	98
40) 2,4,5-Trichlorophenol	12.55	196	128894	20.778	ng/uL	94
41) 1,1'-Biphenyl	12.87	154	497546	21.075	ng/uL	100
42) 2-Chloronaphthalene	12.91	162	396263	21.135	ng/uL	94
43) 2-Nitroaniline	13.13	65	146629	21.386	ng/uL	98
45) Dimethylphthalate	13.53	163	505185	21.087	ng/uL	99
46) 2,6-Dinitrotoluene	13.65	165	101087	21.554	ng/uL	96
48) Acenaphthylene	13.77	152	630283	21.536	ng/uL	99
49) 3-Nitroaniline	13.98	138	89143	20.588	ng/uL	98
50) Acenaphthene	14.12	153	424981	21.182	ng/uL	97
51) 2,4-Dinitrophenol	14.21	184	47104	17.495	ng/uL	96
53) 4-Nitrophenol	14.30	109	80345	21.235	ng/uL	91
54) Dibenzofuran	14.46	168	588777	20.908	ng/uL	96
55) 2,4-Dinitrotoluene	14.46	165	145882	20.988	ng/uL	91
56) 2,3,4,6-Tetrachlorophenol	14.70	232	112397	21.073	ng/uL	96
57) Diethylphthalate	14.91	149	521166	21.186	ng/uL	99
59) Fluorene	15.12	166	494047	20.905	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.12	204	246784	21.173	ng/uL	96
61) 4-Nitroaniline	15.15	138	98238	18.605	ng/uL	97
64) 4,6-Dinitro-2-methylphenol	15.23	198	84782	19.245	ng/uL	99
65) N-Nitrosodiphenylamine	15.33	169	414411	21.216	ng/uL	98
66) 4-Bromophenyl-phenylether	16.01	248	137757	20.913	ng/uL	96
67) Hexachlorobenzene	16.12	284	147096	20.180	ng/uL	97
68) Atrazine	16.30	200	151480	20.444	ng/uL	98
69) Pentachlorophenol	16.47	266	79917	18.972	ng/uL	97
70) Phenanthrene	16.85	178	781608	20.804	ng/uL	98
72) Anthracene	16.94	178	809916	21.088	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	205201	21.335	ng/uL	94
74) Pentachlorobenzene	14.38	250	193253	20.836	ng/uL	98
75) Carbazole	17.22	167	686338	20.292	ng/uL	99
76) Di-n-butylphthalate	17.80	149	872154	20.892	ng/uL	100
77) Fluoranthene	18.88	202	884894	20.107	ng/uL	99
80) Pvrene	19.24	202	941226	20.343	ng/uL	98
81) Butylbenzylphthalate	20.18	149	378287	19.889	ng/uL	96
82) 3,3'-Dichlorobenzidine	20.96	252	271046	19.371	ng/uL	99
83) Benzo(a)anthracene	21.02	228	895255	20.300	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	582303	20.053	ng/uL	96
85) Chrysene	21.07	228	873762	20.125	ng/uL	98
87) Di-n-octyl phthalate	21.83	149	984313	19.969	ng/uL	100
88) Benzo(b)fluoranthene	22.52	252	866564	20.523	ng/uL	98
89) Benzo(k)fluoranthene	22.56	252	867273	21.692	ng/uL	99
91) Benzo(a)pyrene	23.05	252	800322	21.074	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	954002	21.158	ng/uL	96
93) Dibenzo(a,h)anthracene	25.20	278	794304	20.593	ng/uL	98
94) Benzo(a,h,i)perylene	25.82	276	783803	20.732	ng/uL	97

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

