

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009606.D
 Acq On : 06 Feb 2020 11:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02057

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:18:59 AM

Quant Time: Feb 06 21:13:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	139016	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.18	136	583098	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	367516	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	756818	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	698614	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	736861	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	26198	7.73	ng/uL	0.00
5) Phenol-d5	6.63	99	252323	20.81	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	173431	21.30	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.98	132	193557	21.69	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	197343	20.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.57	128	94890	21.88	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.28	143	103074	21.30	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.82	165	198751	21.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	205100	21.04	ng/ul	-0.01
43) Dimethylphthalate-d6	13.50	166	556928	20.76	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	696455	21.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.30	143	96622	19.07	ng/ul	0.00
57) Fluorene-d10	15.07	176	490970	20.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	92109	19.49	ng/ul	0.00
70) Anthracene-d10	16.93	188	745971	21.69	ng/ul	0.00
78) Pyrene-d10	19.23	212	781061	21.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	774219	21.34	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	30851	7.982	ng/uL 94
4) Benzaldehyde	6.59	77	180953	21.753	ng/ul 95
6) Phenol	6.65	94	264944	20.448	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.88	93	214730	21.246	ng/ul 98
10) 2-Chlorophenol	7.00	128	205235	22.166	ng/ul 98
11) 2-Methylphenol	7.88	108	201150	21.009	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.96	45	515476	21.318	ng/ul 99
14) Acetophenone	8.25	105	318449	20.612	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.24	70	172525	21.087	ng/ul 95
16) 4-Methylphenol	8.20	108	219557	20.927	ng/ul 91
17) Hexachloroethane	8.48	117	87816	20.925	ng/ul 97
20) Nitrobenzene	8.61	77	267344	21.468	ng/ul 99
21) Isophorone	9.14	82	477972	21.332	ng/ul 98
23) 2-Nitrophenol	9.32	139	113017	21.441	ng/ul 99
24) 2,4-Dimethylphenol	9.39	107	247499	21.621	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.62	93	287084	21.081	ng/ul 99
27) 2,4-Dichlorophenol	9.85	162	199513	21.687	ng/ul 98
28) Naphthalene	10.23	128	665532	21.047	ng/ul 99
30) 4-Chloroaniline	10.35	127	211376	20.999	ng/ul 97
31) Hexachlorobutadiene	10.52	225	129538	22.051	ng/ul 95
32) Caprolactam	11.13	113	61600m	19.975	ng/ul
33) 4-Chloro-3-methylphenol	11.49	107	226435	21.111	ng/ul 96
34) 2-Methylnaphthalene	11.85	142	462623	20.906	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	234555	21.934	ng/ul	93
37) Hexachlorocyclopentadiene	12.22	237	85770	14.736	ng/ul	98
38) 2,4,6-Trichlorophenol	12.49	196	151744	21.794	ng/ul	92
39) 2,4,5-Trichlorophenol	12.56	196	163736	21.478	ng/ul	93
40) 1,1'-Biphenyl	12.89	154	606106	21.182	ng/ul	99
41) 2-Chloronaphthalene	12.93	162	478168	21.279	ng/ul	97
42) 2-Nitroaniline	13.15	65	175878	21.656	ng/ul	94
44) Dimethylphthalate	13.55	163	585904	20.578	ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	118188	21.260	ng/ul	98
47) Acenaphthylene	13.79	152	759624	21.413	ng/ul	99
48) 3-Nitroaniline	13.99	138	108823	21.558	ng/ul	94
49) Acenaphthene	14.13	153	506180	20.989	ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	58419	17.028	ng/ul	97
52) 4-Nitrophenol	14.32	109	91467	20.176	ng/ul	88
53) Dibenzofuran	14.47	168	696647	20.744	ng/ul	99
54) 2,4-Dinitrotoluene	14.46	165	173286	21.252	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.72	232	133515	20.623	ng/ul	98
56) Diethylphthalate	14.93	149	598872	21.023	ng/ul	100
58) Fluorene	15.13	166	587612	20.937	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.13	204	282348	20.711	ng/ul	98
60) 4-Nitroaniline	15.16	138	132114	20.557	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.23	198	100752	19.742	ng/ul	98
64) N-Nitrosodiphenylamine	15.35	169	489807	21.655	ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	162408	21.778	ng/ul	96
66) Hexachlorobenzene	16.14	284	175665	21.488	ng/ul	98
67) Atrazine	16.32	200	171004	20.613	ng/ul	97
68) Pentachlorophenol	16.49	266	100587	20.396	ng/ul	94
69) Phenanthrene	16.87	178	908776	21.056	ng/ul	98
71) Anthracene	16.96	178	929943	21.235	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	252636	22.828	ng/uL	95
73) Pentachlorobenzene	14.40	250	235661	22.062	ng/uL	96
74) Carbazole	17.24	167	815589	21.389	ng/ul	99
75) Di-n-butylphthalate	17.82	149	995524	21.300	ng/ul	100
76) Fluoranthene	18.90	202	1043131	21.176	ng/ul	99
79) Pvrene	19.26	202	1087980	21.333	ng/ul	98
80) Butylbenzylphthalate	20.20	149	438951	21.483	ng/ul	97
81) 3,3'-Dichlorobenzidine	20.97	252	309380	20.694	ng/ul	99
82) Benzo(a)anthracene	21.03	228	1042624	21.615	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.99	149	640890	20.817	ng/ul	99
84) Chrysene	21.08	228	991352	20.645	ng/ul	99
86) Di-n-octyl phthalate	21.84	149	1111947	20.456	ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1023326	22.197	ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	974752	21.469	ng/ul	99
90) Benzo(a)pyrene	23.07	252	914682	21.414	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	1093703	21.537	ng/ul	96
92) Dibenzo(a,h)anthracene	25.23	278	926119	21.665	ng/ul	98
93) Benzo(g,h,i)perylene	25.84	276	864893	20.321	ng/ul	96

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

