

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012319\
 Data File : BN004336.D
 Acq On : 23 Jan 2019 10:28
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02065

Manual Integrations
 APPROVED

Sohil
 1/24/2019 1:08:47 PM

Quant Time: Jan 23 17:11:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 09 12:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	61914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	279020	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	164646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	392579	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	475658	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	505359	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	9599	7.77	ng/uL	0.00
5) Phenol-d5	6.92	99	103535	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	56620	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	90614	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	85395	20.86	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	39932	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	39972	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	90567	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	85173	21.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	287538	20.44	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	350686	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	51557	20.39	ng/ul	0.00
57) Fluorene-d10	15.39	176	248358	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	41012	18.20	ng/ul	0.00
70) Anthracene-d10	17.25	188	393869	20.67	ng/ul	0.00
78) Pyrene-d10	19.55	212	463200	19.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	559128	20.65	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	10604	7.725	ng/uL 99
4) Benzaldehyde	6.91	77	17470	20.512	ng/ul 98
6) Phenol	6.94	94	103769	20.963	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.19	93	80357	21.403	ng/ul 99
10) 2-Chlorophenol	7.32	128	89621	20.636	ng/ul 100
11) 2-Methylphenol	8.19	108	81059	20.652	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	96349m	21.181	ng/ul
14) Acetophenone	8.58	105	130521	21.470	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.56	70	56781	21.048	ng/ul 99
16) 4-Methylphenol	8.52	108	87421	21.014	ng/ul 96
17) Hexachloroethane	8.83	117	33152	19.997	ng/ul 94
20) Nitrobenzene	8.96	77	86515	20.972	ng/ul 98
21) Isophorone	9.48	82	169681	19.978	ng/ul 99
23) 2-Nitrophenol	9.66	139	45749	20.628	ng/ul 99
24) 2,4-Dimethylphenol	9.72	107	99569	20.431	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.96	93	109912	20.913	ng/ul 100
27) 2,4-Dichlorophenol	10.19	162	88774	20.531	ng/ul 98
28) Naphthalene	10.60	128	294825	20.301	ng/ul 100
30) 4-Chloroaniline	10.71	127	88152	22.154	ng/ul 99
31) Hexachlorobutadiene	10.86	225	59556	20.052	ng/ul 98
32) Caprolactam	11.48	113	25167	19.482	ng/ul 99
33) 4-Chloro-3-methylphenol	11.82	107	92960	20.905	ng/ul 99
34) 2-Methylnaphthalene	12.21	142	217025	20.647	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	117894	20.394	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	68308	19.121	ng/ul	100
38) 2,4,6-Trichlorophenol	12.82	196	71103	20.454	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	78642	20.765	ng/ul	97
40) 1,1'-Biphenyl	13.23	154	282894	20.655	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	218890	20.522	ng/ul	100
42) 2-Nitroaniline	13.48	65	46781	21.901	ng/ul	99
44) Dimethylphthalate	13.86	163	280757	20.537	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	52679	21.662	ng/ul	97
47) Acenaphthylene	14.12	152	331071	20.596	ng/ul	99
48) 3-Nitroaniline	14.31	138	52225	22.129	ng/ul	99
49) Acenaphthene	14.46	153	235310	20.635	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	24447	17.430	ng/ul	98
52) 4-Nitrophenol	14.60	109	38074	20.103	ng/ul	96
53) Dibenzofuran	14.80	168	333766	20.668	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	80452	22.415	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	68746	20.308	ng/ul	98
56) Diethylphthalate	15.23	149	283528	20.486	ng/ul	99
58) Fluorene	15.45	166	269356	20.863	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	141756	20.854	ng/ul	99
60) 4-Nitroaniline	15.47	138	60792	21.683	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	44876	19.023	ng/ul	97
64) N-Nitrosodiphenylamine	15.66	169	238804	20.758	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	92152	20.584	ng/ul	98
66) Hexachlorobenzene	16.44	284	103396	20.179	ng/ul	96
67) Atrazine	16.61	200	87000	20.419	ng/ul	99
68) Pentachlorophenol	16.79	266	57941	18.676	ng/ul	100
69) Phenanthrene	17.19	178	451594	20.788	ng/ul	100
71) Anthracene	17.28	178	454803	20.890	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	116466	20.184	ng/ul	99
73) Pentachlorobenzene	14.71	250	117932	20.341	ng/ul	99
74) Carbazole	17.55	167	408417	21.592	ng/ul	100
75) Di-n-butylphthalate	18.12	149	475626	20.837	ng/ul	100
76) Fluoranthene	19.21	202	555003	21.819	ng/ul	100
79) Pvrene	19.57	202	566145	19.898	ng/ul	100
80) Butylbenzylphthalate	20.48	149	220210	20.915	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.27	252	202223	21.174	ng/ul	99
82) Benzo(a)anthracene	21.33	228	608003	20.444	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	334919	21.220	ng/ul	100
84) Chrysene	21.38	228	564279	20.274	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	572719	19.399	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	635908	20.567	ng/ul	99
88) Benzo(k)fluoranthene	22.98	252	606907	20.411	ng/ul	100
90) Benzo(a)pyrene	23.53	252	607105	20.686	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	714279	21.082	ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	591029	21.200	ng/ul	99
93) Benzo(g,h,i)perylene	26.63	276	589127	20.939	ng/ul	99

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

