

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
 Data File : BN005883.D
 Acq On : 23 May 2019 11:35
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02094

Manual Integrations
 APPROVED

Sohil
 5/24/2019 5:02:08 PM

Quant Time: May 23 17:13:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	77757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	345345	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	241994	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	634600	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	778829	20.00	ng/ul	0.01
85) Perylene-d12	23.43	264	789867	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	10084	7.26	ng/uL	0.00
5) Phenol-d5	6.76	99	117022	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	60338	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	96451	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	97190	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	49483	19.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	56128	19.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	114785	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	124491	20.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	377196	20.26	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	462275	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	37483	14.29	ng/ul	0.00
57) Fluorene-d10	15.20	176	339177	21.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	54355	14.25	ng/ul	0.00
70) Anthracene-d10	17.06	188	583492	21.28	ng/ul	0.00
78) Pyrene-d10	19.38	212	734842	19.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	760570	21.47	ng/ul	0.03

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.20	88	11731	8.023	ng/uL	91
4) Benzaldehyde	6.72	77	84300	19.379	ng/ul	98
6) Phenol	6.78	94	119189	19.457	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	88131	19.633	ng/ul	95
10) 2-Chlorophenol	7.13	128	97085	19.840	ng/ul	96
11) 2-Methylphenol	8.01	108	91094	18.729	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.08	45	113075	19.157	ng/ul#	90
14) Acetophenone	8.38	105	162818	19.789	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.36	70	75599	19.028	ng/ul	94
16) 4-Methylphenol	8.34	108	102024	19.059	ng/ul	90
17) Hexachloroethane	8.61	117	42797	20.383	ng/ul	85
20) Nitrobenzene	8.75	77	124442	21.475	ng/ul	95
21) Isophorone	9.26	82	226950	19.644	ng/ul#	97
23) 2-Nitrophenol	9.46	139	59397	19.710	ng/ul#	86
24) 2,4-Dimethylphenol	9.52	107	126401	20.311	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	125877	19.268	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	112601	21.184	ng/ul	98
28) Naphthalene	10.37	128	333107	20.192	ng/ul	98
30) 4-Chloroaniline	10.50	127	125709	20.263	ng/ul	96
31) Hexachlorobutadiene	10.65	225	88000	22.698	ng/ul	98
32) Caprolactam	11.26	113	35648m	18.304	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	125763	20.918	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	259454	20.365	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.37	216	173749	22.301	ng/ul	98
37) Hexachlorocyclopentadiene	12.34	237	36716	15.121	ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	100365	20.810	ng/ul	94
39) 2,4,5-Trichlorophenol	12.72	196	101857	20.105	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	361295	20.532	ng/ul#	95
41) 2-Chloronaphthalene	13.06	162	289060	20.798	ng/ul	97
42) 2-Nitroaniline	13.29	65	79052	19.732	ng/ul	95
44) Dimethylphthalate	13.66	163	369969	20.153	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	75431	19.499	ng/ul	98
47) Acenaphthylene	13.92	152	448710	20.597	ng/ul	99
48) 3-Nitroaniline	14.13	138	66975	19.649	ng/ul#	92
49) Acenaphthene	14.26	153	305615	20.704	ng/ul	97
50) 2,4-Dinitrophenol	14.38	184	42031	21.115	ng/ul	93
52) 4-Nitrophenol	14.47	109	51422	20.991	ng/ul	86
53) Dibenzofuran	14.60	168	466250	21.290	ng/ul	97
54) 2,4-Dinitrotoluene	14.61	165	121280	20.921	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.85	232	101389	21.553	ng/ul#	95
56) Diethylphthalate	15.04	149	380203	20.463	ng/ul	97
58) Fluorene	15.26	166	381121	21.395	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.25	204	211100	21.722	ng/ul	98
60) 4-Nitroaniline	15.31	138	76248	20.065	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.39	198	54588	14.286	ng/ul#	97
64) N-Nitrosodiphenylamine	15.47	169	323570	19.701	ng/ul	99
65) 4-Bromophenyl-phenylether	16.15	248	142591	21.458	ng/ul	96
66) Hexachlorobenzene	16.27	284	166527	22.337	ng/ul	94
67) Atrazine	16.43	200	133763	19.410	ng/ul	96
68) Pentachlorophenol	16.63	266	61170	17.784	ng/ul	96
69) Phenanthrene	17.00	178	657703	20.908	ng/ul	99
71) Anthracene	17.10	178	680568	21.248	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	182748	21.480	ng/ul	99
73) Pentachlorobenzene	14.53	250	178924	21.323	ng/ul	100
74) Carbazole	17.37	167	587349	20.799	ng/ul	99
75) Di-n-butylphthalate	17.94	149	649059	19.242	ng/ul	99
76) Fluoranthene	19.04	202	867721	22.311	ng/ul#	89
79) Pvrene	19.41	202	914772	19.127	ng/ul#	86
80) Butylbenzylphthalate	20.33	149	319150	16.288	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.13	252	319176	19.510	ng/ul#	96
82) Benzo(a)anthracene	21.19	228	1005058	20.484	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	476762	17.149	ng/ul#	97
84) Chrysene	21.25	228	962063	20.799	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	882756	20.946	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	1004991	23.128	ng/ul#	95
88) Benzo(k)fluoranthene	22.81	252	918573	21.847	ng/ul#	96
90) Benzo(a)pyrene	23.33	252	895582	21.284	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.62	276	943542	18.341	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.62	278	807094	18.637	ng/ul#	93
93) Benzo(g,h,i)perylene	26.29	276	766789	17.831	ng/ul#	90

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

