

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
 Data File : BN005907.D
 Acq On : 28 May 2019 22:40
 Operator : JU/SJ
 Sample : SSTD01082
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD01082

Quant Time: May 29 00:07:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 00:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	369869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1768554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1093795	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2486874	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	2336848	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2739702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	33324	5.04	ng/uL	0.00
5) Phenol-d5	6.89	99	313106	10.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	186352	12.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	238290	10.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	253840	10.38	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	99335	7.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	82794	5.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	237965	8.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	309585	9.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	809801	9.62	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1019629	9.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	118425	9.99	ng/ul	0.00
57) Fluorene-d10	15.36	176	690225	9.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	59119	3.95	ng/ul	0.00
70) Anthracene-d10	17.22	188	1077617	10.03	ng/ul	0.00
78) Pyrene-d10	19.52	212	1179218	10.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1214702	9.88	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.30	88	36857	5.299	ng/uL#	89
4) Benzaldehyde	6.88	77	224165	10.833	ng/ul	98
6) Phenol	6.92	94	324622	11.141	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.16	93	260232	12.187	ng/ul	91
10) 2-Chlorophenol	7.29	128	244980	10.525	ng/ul	97
11) 2-Methylphenol	8.16	108	251859	10.886	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.26	45	349081	12.433	ng/ul#	91
14) Acetophenone	8.54	105	413560	10.567	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	214706	11.361	ng/ul	88
16) 4-Methylphenol	8.49	108	276089	10.843	ng/ul	97
17) Hexachloroethane	8.80	117	98675	9.880	ng/ul	84
20) Nitrobenzene	8.92	77	268396	9.044	ng/ul	95
21) Isophorone	9.44	82	636489	10.758	ng/ul	98
23) 2-Nitrophenol	9.63	139	100890	6.537	ng/ul	92
24) 2,4-Dimethylphenol	9.69	107	308036	9.665	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.93	93	378716	11.320	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	238297	8.754	ng/ul	97
28) Naphthalene	10.56	128	838091	9.920	ng/ul	99
30) 4-Chloroaniline	10.67	127	315368	9.926	ng/ul	99
31) Hexachlorobutadiene	10.85	225	136720	6.886	ng/ul	96
32) Caprolactam	11.42	113	94918	9.517	ng/ul	82
33) 4-Chloro-3-methylphenol	11.79	107	290416	9.432	ng/ul	97
34) 2-Methylnaphthalene	12.18	142	629288	9.645	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	286597	8.138	ng/ul#	97
37) Hexachlorocyclopentadiene	12.53	237	148120	13.496	ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	179071	8.215	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	194513	8.494	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	812003	10.209	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	609940	9.709	ng/ul	97
42) 2-Nitroaniline	13.44	65	125685	6.941	ng/ul	91
44) Dimethylphthalate	13.83	163	813513	9.804	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	111142	6.356	ng/ul	96
47) Acenaphthylene	14.09	152	1006039	10.217	ng/ul	99
48) 3-Nitroaniline	14.27	138	117612	7.634	ng/ul#	97
49) Acenaphthene	14.43	153	676805	10.144	ng/ul	100
50) 2,4-Dinitrophenol	14.47	184	30841	3.428	ng/ul	95
52) 4-Nitrophenol	14.57	109	101328	9.151	ng/ul	88
53) Dibenzofuran	14.77	168	960105	9.699	ng/ul	97
54) 2,4-Dinitrotoluene	14.73	165	167264	6.384	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.99	232	156099	7.341	ng/ul#	94
56) Diethylphthalate	15.20	149	850990	10.133	ng/ul	100
58) Fluorene	15.42	166	782400	9.717	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	371779	8.464	ng/ul	97
60) 4-Nitroaniline	15.43	138	159429	9.282	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	68557	4.578	ng/ul#	92
64) N-Nitrosodiphenylamine	15.63	169	701139	10.894	ng/ul	97
65) 4-Bromophenyl-phenylether	16.31	248	229268	8.804	ng/ul	97
66) Hexachlorobenzene	16.42	284	243358	8.330	ng/ul	97
67) Atrazine	16.58	200	249459	9.237	ng/ul	98
68) Pentachlorophenol	16.76	266	118939	8.824	ng/ul	96
69) Phenanthrene	17.16	178	1264986	10.262	ng/ul	100
71) Anthracene	17.25	178	1291210	10.287	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	297366	8.919	ng/ul	95
73) Pentachlorobenzene	14.69	250	279015	8.485	ng/ul	99
74) Carbazole	17.52	167	1240698	11.212	ng/ul	99
75) Di-n-butylphthalate	18.09	149	1526804	11.550	ng/ul	100
76) Fluoranthene	19.18	202	1475095	9.679	ng/ul#	93
79) Pvrene	19.55	202	1503812	10.479	ng/ul#	92
80) Butylbenzylphthalate	20.46	149	606226	10.312	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	482323	9.826	ng/ul	97
82) Benzo(a)anthracene	21.31	228	1480930	10.059	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	997200	11.955	ng/ul	99
84) Chrysene	21.36	228	1398979	10.080	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	1735520	11.872	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	1510274	10.020	ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	1453934	9.970	ng/ul#	97
90) Benzo(a)pyrene	23.49	252	1459967	10.003	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.86	276	1712639	9.598	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.87	278	1433046	9.541	ng/ul#	97
93) Benzo(g,h,i)perylene	26.55	276	1447258	9.703	ng/ul#	93

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

