

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005431.D
 Acq On : 03 May 2019 00:12
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02092

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:38 PM

Quant Time: May 03 05:08:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	284120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1288783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	856202	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2025280	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1872655	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1778696	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	43878	7.46	ng/uL	0.00
5) Phenol-d5	6.78	99	440248	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	249458	17.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	353489	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	374193	21.45	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	181718	22.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	209636	26.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	411643	22.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	435618	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1296056	20.85	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1581660	20.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	212000	21.60	ng/ul	0.00
57) Fluorene-d10	15.22	176	1091643	20.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	215049	23.61	ng/ul	0.00
70) Anthracene-d10	17.08	188	1744347	20.55	ng/ul	0.00
78) Pyrene-d10	19.39	212	1951655	20.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1603799	20.63	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.25	88	46376	7.327	ng/uL	98
4) Benzaldehyde	6.75	77	299390	18.933	ng/ul	95
6) Phenol	6.80	94	456290	19.879	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	350370	19.064	ng/ul	92
10) 2-Chlorophenol	7.16	128	360090	20.396	ng/ul	96
11) 2-Methylphenol	8.03	108	354780	20.628	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	501844	16.263	ng/ul#	95
14) Acetophenone	8.40	105	598698	21.446	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	303126	20.299	ng/ul#	91
16) 4-Methylphenol	8.36	108	402117	21.649	ng/ul	97
17) Hexachloroethane	8.65	117	150870	19.679	ng/ul	94
20) Nitrobenzene	8.78	77	425038	19.470	ng/ul#	90
21) Isophorone	9.29	82	875492	20.255	ng/ul	97
23) 2-Nitrophenol	9.48	139	222457	24.412	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	461211	20.214	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	522362	19.231	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	397215	21.835	ng/ul	95
28) Naphthalene	10.40	128	1204175	20.099	ng/ul	99
30) 4-Chloroaniline	10.52	127	440469	22.748	ng/ul	99
31) Hexachlorobutadiene	10.69	225	271593	21.141	ng/ul	99
32) Caprolactam	11.27	113	139180m	25.286	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	446116	21.778	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	933846	21.287	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	543854	20.525	ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	355421	19.674	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	347279	21.735	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	368567	21.467	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1244837	19.513	ng/ul	98
41) 2-Chloronaphthalene	13.09	162	969812	19.766	ng/ul	97
42) 2-Nitroaniline	13.30	65	284262	21.843	ng/ul	90
44) Dimethylphthalate	13.69	163	1278891	20.650	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	268779	25.135	ng/ul#	87
47) Acenaphthylene	13.95	152	1518611	20.243	ng/ul	99
48) 3-Nitroaniline	14.14	138	241451	24.288	ng/ul#	91
49) Acenaphthene	14.29	153	1027983	20.072	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	117305	22.520	ng/ul	90
52) 4-Nitrophenol	14.46	109	171062	19.203	ng/ul	90
53) Dibenzofuran	14.63	168	1524102	20.669	ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	390785	25.350	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.86	232	341848m	23.933	ng/ul	
56) Diethylphthalate	15.07	149	1268281	20.424	ng/ul	98
58) Fluorene	15.28	166	1224805	21.286	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.28	204	654593	21.446	ng/ul	95
60) 4-Nitroaniline	15.30	138	291959	23.557	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.37	198	221413	22.839	ng/ul	92
64) N-Nitrosodiphenylamine	15.50	169	1088587	19.639	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	428111	20.982	ng/ul	95
66) Hexachlorobenzene	16.29	284	467274	21.507	ng/ul	93
67) Atrazine	16.46	200	431223	20.897	ng/ul	98
68) Pentachlorophenol	16.63	266	261638	20.567	ng/ul	98
69) Phenanthrene	17.02	178	1985069	20.126	ng/ul	100
71) Anthracene	17.11	178	2043218	20.335	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	565393	19.113	ng/ul	98
73) Pentachlorobenzene	14.55	250	536833	20.163	ng/ul	99
74) Carbazole	17.39	167	1808837	20.956	ng/ul	99
75) Di-n-butylphthalate	17.97	149	2193920	20.258	ng/ul	99
76) Fluoranthene	19.05	202	2390537	21.850	ng/ul	97
79) Pvrene	19.42	202	2442651	20.258	ng/ul	94
80) Butylbenzylphthalate	20.35	149	994302	20.828	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	745432	19.923	ng/ul#	99
82) Benzo(a)anthracene	21.19	228	2345819	20.136	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	1435161	19.524	ng/ul	97
84) Chrysene	21.25	228	2200422	20.351	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2343022	21.508	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2067384	20.677	ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	2034439	21.305	ng/ul	98
90) Benzo(a)pyrene	23.32	252	1894716	20.161	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1916997	18.449	ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	1615890	18.324	ng/ul	96
93) Benzo(g,h,i)perylene	26.27	276	1545673	17.990	ng/ul	95

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

