

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005769.D
 Acq On : 19 May 2019 01:07
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02082

Quant Time: May 20 04:05:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	97068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	446456	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	311472	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	779987	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	858324	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	976427	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	14698	8.48	ng/uL	0.00
5) Phenol-d5	6.76	99	163277	21.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	85573	21.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	132978	22.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	136732	21.31	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	71573	22.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	81684	21.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	158781	22.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	173643	21.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	525676	21.93	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	638109	21.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	70558	20.90	ng/ul	0.00
57) Fluorene-d10	15.21	176	457722	22.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	95004	20.26	ng/ul	0.00
70) Anthracene-d10	17.07	188	762022	22.61	ng/ul	0.00
78) Pyrene-d10	19.38	212	891775	21.09	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	978081	22.33	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	14493	7.940	ng/uL 95
4) Benzaldehyde	6.73	77	113820	20.960	ng/ul 96
6) Phenol	6.79	94	163112	21.330	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.01	93	122874	21.927	ng/ul 93
10) 2-Chlorophenol	7.14	128	132814	21.742	ng/ul 93
11) 2-Methylphenol	8.02	108	130000	21.411	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	163200	22.148	ng/ul# 93
14) Acetophenone	8.39	105	224148	21.823	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.37	70	110139	22.207	ng/ul# 91
16) 4-Methylphenol	8.35	108	145988	21.846	ng/ul 95
17) Hexachloroethane	8.62	117	58700	22.395	ng/ul 87
20) Nitrobenzene	8.76	77	164896	22.011	ng/ul 96
21) Isophorone	9.28	82	324456	21.723	ng/ul 97
23) 2-Nitrophenol	9.46	139	85478	21.940	ng/ul 98
24) 2,4-Dimethylphenol	9.53	107	176403	21.926	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.76	93	181800	21.526	ng/ul 96
27) 2,4-Dichlorophenol	10.00	162	155423	22.618	ng/ul 97
28) Naphthalene	10.38	128	463176	21.718	ng/ul 99
30) 4-Chloroaniline	10.50	127	175848	21.925	ng/ul 100
31) Hexachlorobutadiene	10.66	225	111116	22.169	ng/ul 98
32) Caprolactam	11.26	113	53754	21.350	ng/ul 86
33) 4-Chloro-3-methylphenol	11.65	107	171331	22.043	ng/ul 97
34) 2-Methylnaphthalene	12.00	142	363002	22.040	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	223659	22.303	ng/ul#	98
37) Hexachlorocyclopentadiene	12.35	237	67395	21.564	ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	138278	22.276	ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	138012	21.165	ng/ul	100
40) 1,1'-Biphenyl	13.03	154	505429	22.316	ng/ul#	98
41) 2-Chloronaphthalene	13.07	162	390424	21.825	ng/ul	97
42) 2-Nitroaniline	13.30	65	112665	21.849	ng/ul	89
44) Dimethylphthalate	13.67	163	514971	21.794	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	109829	22.058	ng/ul	89
47) Acenaphthylene	13.93	152	618487	22.057	ng/ul	98
48) 3-Nitroaniline	14.13	138	94867	21.624	ng/ul#	91
49) Acenaphthene	14.27	153	421584	22.190	ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	42880	16.736	ng/ul	93
52) 4-Nitrophenol	14.47	109	62900	19.949	ng/ul	93
53) Dibenzofuran	14.62	168	633525	22.475	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	165431	22.172	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.86	232	136270	22.506	ng/ul	92
56) Diethylphthalate	15.05	149	521165	21.793	ng/ul	97
58) Fluorene	15.27	166	517276	22.561	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	277606	22.194	ng/ul	97
60) 4-Nitroaniline	15.31	138	106473	21.769	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	96566	20.562	ng/ul#	97
64) N-Nitrosodiphenylamine	15.48	169	450266	22.305	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	183110	22.419	ng/ul	93
66) Hexachlorobenzene	16.28	284	206689	22.557	ng/ul	93
67) Atrazine	16.45	200	183606	21.676	ng/ul	97
68) Pentachlorophenol	16.63	266	82556	19.528	ng/ul	98
69) Phenanthrene	17.01	178	861242	22.275	ng/ul	100
71) Anthracene	17.10	178	888180	22.562	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	235674	22.538	ng/ul	98
73) Pentachlorobenzene	14.54	250	231931	22.488	ng/ul	100
74) Carbazole	17.38	167	775948	22.356	ng/ul	99
75) Di-n-butylphthalate	17.95	149	897470	21.647	ng/ul	99
76) Fluoranthene	19.05	202	1086151	22.722	ng/ul#	92
79) Pvrene	19.42	202	1119741	21.244	ng/ul#	90
80) Butylbenzylphthalate	20.33	149	440071	20.379	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.12	252	388817	21.565	ng/ul#	97
82) Benzo(a)anthracene	21.18	228	1181064	21.842	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	634073	20.696	ng/ul#	96
84) Chrysene	21.24	228	1131301	22.193	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1126420	21.621	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	1191321	22.178	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	1163073	22.377	ng/ul#	97
90) Benzo(a)pyrene	23.31	252	1163827	22.374	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	1352802	21.272	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.60	278	1150827	21.497	ng/ul#	94
93) Benzo(g,h,i)perylene	26.27	276	1115093	20.976	ng/ul#	91

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

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