

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006433.D
 Acq On : 20 Jun 2019 18:15
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02017

Manual Integrations
 APPROVED

mohammad
 6/21/2019 10:00:10 PM

Quant Time: Jun 20 18:49:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 07:11:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	245689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1181826	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	719942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1623655	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1562572	20.00	ng/ul	0.02
85) Perylene-d12	23.52	264	1835581	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	49793	7.92	ng/uL	0.00
5) Phenol-d5	6.80	99	534012	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	346022	21.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	397412	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	419857	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	200537	21.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	221830	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	409058	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	532416	23.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1300247	20.61	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1617812	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	227590	21.11	ng/ul	0.00
57) Fluorene-d10	15.29	176	1117446	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	205947	20.04	ng/ul	0.00
70) Anthracene-d10	17.14	188	1713274	20.96	ng/ul	0.00
78) Pyrene-d10	19.45	212	1882423	20.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	2150384	20.74	ng/ul	0.04

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.17	88	51611	8.099	ng/uL 96
4) Benzaldehyde	6.78	77	228769	21.649	ng/ul 98
6) Phenol	6.83	94	521698	20.685	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.06	93	404996	21.088	ng/ul 98
10) 2-Chlorophenol	7.19	128	382879	20.715	ng/ul 99
11) 2-Methylphenol	8.08	108	387870	20.305	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	652848	21.492	ng/ul 99
14) Acetophenone	8.45	105	624410	20.970	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.43	70	347279	20.765	ng/ul 99
16) 4-Methylphenol	8.40	108	421728	20.154	ng/ul 99
17) Hexachloroethane	8.69	117	151514	20.216	ng/ul 98
20) Nitrobenzene	8.83	77	478229	20.942	ng/ul 99
21) Isophorone	9.35	82	970861	20.570	ng/ul 100
23) 2-Nitrophenol	9.53	139	219777	21.184	ng/ul 96
24) 2,4-Dimethylphenol	9.60	107	477592	21.090	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.83	93	589564	20.588	ng/ul 99
27) 2,4-Dichlorophenol	10.06	162	373626	20.636	ng/ul 98
28) Naphthalene	10.46	128	1273223	20.464	ng/ul 99
30) 4-Chloroaniline	10.57	127	500910	23.302	ng/ul 100
31) Hexachlorobutadiene	10.74	225	214176	20.361	ng/ul 99
32) Caprolactam	11.33	113	141816m	20.399	ng/ul
33) 4-Chloro-3-methylphenol	11.72	107	451150	20.715	ng/ul 97
34) 2-Methylnaphthalene	12.08	142	915107	20.326	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	445323	20.855	ng/ul	96
37) Hexachlorocyclopentadiene	12.43	237	171587	18.495	ng/ul	98
38) 2,4,6-Trichlorophenol	12.71	196	289062	20.829	ng/ul	99
39) 2,4,5-Trichlorophenol	12.78	196	304977	21.366	ng/ul	99
40) 1,1'-Biphenyl	13.11	154	1184016	20.785	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	919448	20.814	ng/ul	99
42) 2-Nitroaniline	13.37	65	306065	22.164	ng/ul	99
44) Dimethylphthalate	13.75	163	1197914	20.593	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	246844	21.775	ng/ul	96
47) Acenaphthylene	14.00	152	1431666	20.891	ng/ul	99
48) 3-Nitroaniline	14.20	138	247184	22.048	ng/ul	98
49) Acenaphthene	14.35	153	1017183	20.827	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	94537	17.270	ng/ul	99
52) 4-Nitrophenol	14.53	109	161707	21.441	ng/ul	97
53) Dibenzofuran	14.69	168	1405949	20.774	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	360212	22.067	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.92	232	266804	20.760	ng/ul	99
56) Diethylphthalate	15.12	149	1210760	20.601	ng/ul	100
58) Fluorene	15.34	166	1151581	21.050	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	554527	20.689	ng/ul	100
60) 4-Nitroaniline	15.37	138	252637	20.994	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.44	198	202893	20.182	ng/ul	97
64) N-Nitrosodiphenylamine	15.55	169	1014745	20.750	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	343983	20.573	ng/ul	97
66) Hexachlorobenzene	16.35	284	379485	20.353	ng/ul	98
67) Atrazine	16.51	200	360248	21.376	ng/ul	98
68) Pentachlorophenol	16.70	266	181501	19.974	ng/ul	98
69) Phenanthrene	17.09	178	1829508	20.429	ng/ul	99
71) Anthracene	17.17	178	1885229	20.738	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	447753	20.491	ng/ul	100
73) Pentachlorobenzene	14.61	250	438092	20.107	ng/ul	97
74) Carbazole	17.45	167	1725413	21.992	ng/ul	100
75) Di-n-butylphthalate	18.02	149	2121166	21.179	ng/ul	100
76) Fluoranthene	19.12	202	2150041	22.277	ng/ul	99
79) Pvrene	19.48	202	2204492	20.721	ng/ul	99
80) Butylbenzylphthalate	20.40	149	1029293	21.577	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	718795	21.757	ng/ul	98
82) Benzo(a)anthracene	21.26	228	2193020	20.533	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1465572	21.425	ng/ul	99
84) Chrysene	21.31	228	2109272	20.751	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2629497	22.294	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	2287717	20.766	ng/ul	100
88) Benzo(k)fluoranthene	22.89	252	2182938	20.733	ng/ul	99
90) Benzo(a)pyrene	23.42	252	2203725	20.862	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	2569932	20.557	ng/ul	100
92) Dibenzo(a,h)anthracene	25.76	278	2153132	20.798	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	2138316	20.309	ng/ul	100

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

