

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010068.D
 Acq On : 03 Mar 2020 19:05
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02077

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:54 AM

Quant Time: Mar 03 19:40:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	44538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	186121	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	131749	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	283514m	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	269803	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	286700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	7743m	7.15	ng/uL	0.00
5) Phenol-d5	6.57	99	69778	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	46207	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	55739	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	57711	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.51	128	26184	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	29935	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	59830	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	70901	22.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	189699	19.28	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	215900	18.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	28473	15.84	ng/ul	0.00
58) Fluorene-d10	15.01	176	165799	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	26766	15.20	ng/ul	0.00
71) Anthracene-d10	16.87	188	258583m	19.90	ng/ul	0.00
79) Pyrene-d10	19.17	212	279426	19.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	289757	20.24	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.05	88	8457	6.798	ng/uL	90
4) Benzaldehyde	6.53	77	30158	11.971	ng/ul	92
6) Phenol	6.59	94	77376	19.060	ng/ul#	84
8) Bis(2-Chloroethyl)ether	6.81	93	56621	17.746	ng/ul	96
10) 2-Chlorophenol	6.93	128	60089	20.002	ng/ul	97
11) 2-Methylphenol	7.82	108	56630	19.063	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.89	45	167981	21.476	ng/ul	99
14) Acetophenone	8.18	105	101426	20.655	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.17	70	53061	20.680	ng/ul#	83
16) 4-Methylphenol	8.15	108	63258	19.406	ng/ul	94
17) Hexachloroethane	8.40	117	27370	20.026	ng/ul	98
20) Nitrobenzene	8.55	77	82017	20.441	ng/ul	94
21) Isophorone	9.07	82	141360	20.018	ng/ul	98
23) 2-Nitrophenol	9.25	139	34697	20.817	ng/ul#	84
24) 2,4-Dimethylphenol	9.32	107	77242	21.344	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.55	93	77439	17.944	ng/ul	95
27) 2,4-Dichlorophenol	9.78	162	63257	21.894	ng/ul	98
28) Naphthalene	10.15	128	198491	19.777	ng/ul	99
30) 4-Chloroaniline	10.29	127	77987	23.670	ng/ul	98
31) Hexachlorobutadiene	10.44	225	41526	21.492	ng/ul	96
32) Caprolactam	11.08	113	17373m	17.930	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	71558	21.660	ng/ul	100
34) 2-Methylnaphthalene	11.78	142	149607	21.467	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	141644	20.277	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	80159	20.526	ng/uL	93
38) Hexachlorocyclopentadiene	12.13	237	13286	7.863	ng/uL	94
39) 2,4,6-Trichlorophenol	12.43	196	49539	19.987	ng/uL	94
40) 2,4,5-Trichlorophenol	12.50	196	50040	18.820	ng/uL	98
41) 1,1'-Biphenyl	12.83	154	202366	19.999	ng/uL#	96
42) 2-Chloronaphthalene	12.86	162	155536	19.354	ng/uL	97
43) 2-Nitroaniline	13.09	65	59152	20.128	ng/uL	94
45) Dimethylphthalate	13.48	163	196963	19.181	ng/uL	98
46) 2,6-Dinitrotoluene	13.61	165	37649	18.729	ng/uL	92
48) Acenaphthylene	13.72	152	239853	19.120	ng/uL	99
49) 3-Nitroaniline	13.94	138	36373	19.599	ng/uL	99
50) Acenaphthene	14.07	153	165139	19.203	ng/uL	99
51) 2,4-Dinitrophenol	14.19	184	13570	11.758	ng/uL	92
53) 4-Nitrophenol	14.27	109	30784	18.982	ng/uL#	76
54) Dibenzofuran	14.41	168	238325	19.745	ng/uL	99
55) 2,4-Dinitrotoluene	14.42	165	59652	20.022	ng/uL#	96
56) 2,3,4,6-Tetrachlorophenol	14.66	232	46011	20.126	ng/uL	98
57) Diethylphthalate	14.86	149	204481	19.393	ng/uL	97
59) Fluorene	15.07	166	193066	19.059	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.07	204	98969	19.810	ng/uL	89
61) 4-Nitroaniline	15.12	138	39481m	17.445	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.19	198	28549m	15.047	ng/uL	
65) N-Nitrosodiphenylamine	15.29	169	168627	20.046	ng/uL	98
66) 4-Bromophenyl-phenylether	15.97	248	57935	20.422	ng/uL	94
67) Hexachlorobenzene	16.08	284	64193	20.449	ng/uL	95
68) Atrazine	16.26	200	59582	18.671	ng/uL	91
69) Pentachlorophenol	16.44	266	28645	15.790	ng/uL	90
70) Phenanthrene	16.81	178	315321m	19.488	ng/uL	
72) Anthracene	16.90	178	326371	19.732	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	76039	18.358	ng/uL	97
74) Pentachlorobenzene	14.33	250	76370	19.119	ng/uL	98
75) Carbazole	17.19	167	281277	19.310	ng/uL	97
76) Di-n-butylphthalate	17.76	149	339052	18.859	ng/uL#	98
77) Fluoranthene	18.84	202	362140	19.107	ng/uL	96
80) Pvrene	19.20	202	380179	19.545	ng/uL#	94
81) Butylbenzylphthalate	20.14	149	155959	19.504	ng/uL	100
82) 3,3'-Dichlorobenzidine	20.92	252	95983	16.317	ng/uL	97
83) Benzo(a)anthracene	20.97	228	369886	19.950	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	20.93	149	223277	18.289	ng/uL	99
85) Chrysene	21.03	228	354914	19.444	ng/uL	99
87) Di-n-octyl phthalate	21.77	149	380915	17.554	ng/uL	100
88) Benzo(b)fluoranthene	22.47	252	362411	19.496	ng/uL	98
89) Benzo(k)fluoranthene	22.51	252	348907	19.823	ng/uL	99
91) Benzo(a)pyrene	23.00	252	345070	20.640	ng/uL#	97
92) Indeno(1,2,3-cd)pyrene	25.12	276	372384	18.760	ng/uL	93
93) Dibenzo(a,h)anthracene	25.12	278	311200	18.327	ng/uL#	94
94) Benzo(a,h,i)perylene	25.73	276	284620	17.101	ng/uL	96

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

