

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012292.D
 Acq On : 17 Oct 2020 14:33
 Operator : CG/JU
 Sample : SSTD08052
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD08052

Manual Integrations
 APPROVED

mohammad
 10/19/2020 1:24:50 PM

Quant Time: Oct 17 15:10:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 17 13:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	205431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	841711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	511716	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1070418	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1024133	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1029069	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	144028	30.99	ng/uL	0.00
5) Phenol-d5	6.79	99	1582762	89.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	912441	84.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1274990	90.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1260452	87.87	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	612046	89.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	710118	93.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1245796	87.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	1513871	85.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	3467414	82.76	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	4298397	86.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	699203	89.45	ng/ul	0.01
58) Fluorene-d10	15.25	176	3002737	83.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	668191	94.21	ng/ul	0.01
71) Anthracene-d10	17.10	188	4548412	86.81	ng/ul	0.00
79) Pyrene-d10	19.40	212	4732776	88.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	5171445	89.04	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.18	88	172649	32.827 ng/uL#	91
4) Benzaldehyde	6.76	77	891924	88.613 ng/ul	99
6) Phenol	6.82	94	1655050	88.571 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.04	93	1261938	85.013 ng/ul	97
10) 2-Chlorophenol	7.18	128	1276672	87.044 ng/ul	99
11) 2-Methylphenol	8.05	108	1238063	88.448 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	1680828m	86.407 ng/ul	
14) Acetophenone	8.43	105	1928999	85.910 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	1019626	89.258 ng/ul	97
16) 4-Methylphenol	8.39	108	1319707	87.754 ng/ul	97
17) Hexachloroethane	8.66	117	560501	87.492 ng/ul	94
20) Nitrobenzene	8.80	77	1573201	85.546 ng/ul	97
21) Isophorone	9.33	82	2834607	87.977 ng/ul	98
23) 2-Nitrophenol	9.50	139	749225	88.932 ng/ul	93
24) 2,4-Dimethylphenol	9.57	107	1481431	86.101 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	1688345	83.508 ng/ul	97
27) 2,4-Dichlorophenol	10.03	162	1222012	86.154 ng/ul	99
28) Naphthalene	10.43	128	4108853	83.329 ng/ul	99
30) 4-Chloroaniline	10.55	127	1507316	86.394 ng/ul	98
31) Hexachlorobutadiene	10.71	225	745097	79.598 ng/ul	97
32) Caprolactam	11.35	113	396604m	86.769 ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	1398835	87.560 ng/ul	96
34) 2-Methylnaphthalene	12.05	142	2845599	83.974 ng/ul	92

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35) 1-Methylnaphthalene	12.27	142	2787359	83.711	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	1368619	85.171	ng/uL	95
38) Hexachlorocyclopentadiene	12.40	237	977389	89.328	ng/uL	92
39) 2,4,6-Trichlorophenol	12.67	196	975100	91.744	ng/uL	97
40) 2,4,5-Trichlorophenol	12.75	196	1021571	89.209	ng/uL	94
41) 1,1'-Biphenyl	13.07	154	3635597	85.793	ng/uL	99
42) 2-Chloronaphthalene	13.12	162	2891545	85.930	ng/uL	97
43) 2-Nitroaniline	13.33	65	950793	96.877	ng/uL	99
45) Dimethylphthalate	13.72	163	3567372	81.592	ng/uL	99
46) 2,6-Dinitrotoluene	13.83	165	795400	91.480	ng/uL	97
48) Acenaphthylene	13.97	152	4432492	86.397	ng/uL	98
49) 3-Nitroaniline	14.16	138	720100	89.852	ng/uL	98
50) Acenaphthene	14.31	153	3066271	84.167	ng/uL	97
51) 2,4-Dinitrophenol	14.37	184	532946	97.042	ng/uL	96
53) 4-Nitrophenol	14.49	109	589000	83.215	ng/uL	96
54) Dibenzofuran	14.65	168	4152739	81.864	ng/uL	99
55) 2,4-Dinitrotoluene	14.63	165	1129126	89.534	ng/uL	93
56) 2,3,4,6-Tetrachlorophenol	14.88	232	876679	87.701	ng/uL	97
57) Diethylphthalate	15.09	149	3717440	81.570	ng/uL	98
59) Fluorene	15.30	166	3506797	82.192	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.30	204	1730579	83.123	ng/uL	96
61) 4-Nitroaniline	15.33	138	766848	87.698	ng/uL	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	696180	89.876	ng/uL	99
65) N-Nitrosodiphenylamine	15.52	169	2935856	86.965	ng/uL	96
66) 4-Bromophenyl-phenylether	16.19	248	1014301	85.143	ng/uL	96
67) Hexachlorobenzene	16.30	284	1188805	83.252	ng/uL	93
68) Atrazine	16.48	200	1094552	85.750	ng/uL	99
69) Pentachlorophenol	16.65	266	783416	91.026	ng/uL#	85
70) Phenanthrene	17.04	178	5591889	85.597	ng/uL	99
72) Anthracene	17.13	178	5667779	85.174	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	1329910	91.111	ng/uL	92
74) Pentachlorobenzene	14.57	250	1350190	87.286	ng/uL	95
75) Carbazole	17.40	167	4933668	87.142	ng/uL	100
76) Di-n-butylphthalate	17.97	149	6631102	86.986	ng/uL	98
77) Fluoranthene	19.06	202	6425648	86.862	ng/uL	99
80) Pvrene	19.43	202	6342169	86.838	ng/uL	99
81) Butylbenzylphthalate	20.34	149	3071014	94.832	ng/uL	97
82) 3,3'-Dichlorobenzidine	21.12	252	2352136	98.172	ng/uL	96
83) Benzo(a)anthracene	21.18	228	5894578	85.360	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	4621995	91.779	ng/uL	96
85) Chrysene	21.23	228	5682536	82.681	ng/uL	95
87) Di-n-octyl phthalate	21.98	149	7674506	97.790	ng/uL	100
88) Benzo(b)fluoranthene	22.73	252	6041964	85.424	ng/uL	99
89) Benzo(k)fluoranthene	22.77	252	6080932	87.808	ng/uL	99
91) Benzo(a)pyrene	23.28	252	5585571	86.492	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.56	276	7254993	88.213	ng/uL	97
93) Dibenzo(a,h)anthracene	25.57	278	6150172	88.954	ng/uL	97
94) Benzo(a,h,i)perylene	26.23	276	6041067	88.119	ng/uL	97

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

