

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011423.D
 Acq On : 14 Aug 2020 11:22
 Operator : CG/JU
 Sample : SSTD01052
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 SSTD01052

Manual Integrations
 APPROVED

mohammad
 8/18/2020 1:42:41 PM

Quant Time: Aug 14 14:06:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 14 13:27:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	113039	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	409502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	262094	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	584020	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	637757	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	634223	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9247	3.13	ng/uL	0.00
5) Phenol-d5	6.64	99	77156	8.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	40381	8.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	68597	8.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	61770	8.33	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	30613	9.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	34818	9.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	65395	9.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	75255	10.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	198721	9.35	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	237807	9.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	28304	7.45	ng/ul	0.00
58) Fluorene-d10	15.07	176	179165	9.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	29170	8.19	ng/ul	0.00
71) Anthracene-d10	16.92	188	275638	9.70	ng/ul	0.00
79) Pyrene-d10	19.23	212	313999	9.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	336451	9.79	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.15	88	13366	4.283	ng/uL#	90
4) Benzaldehyde	6.61	77	57368	12.557	ng/ul	96
6) Phenol	6.67	94	76655	7.782	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.89	93	61140	8.404	ng/ul	96
10) 2-Chlorophenol	7.02	128	71148	8.349	ng/ul	98
11) 2-Methylphenol	7.89	108	56190	7.650	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	35696	7.337	ng/ul#	91
14) Acetophenone	8.25	105	100791	7.957	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.25	70	44463	6.881	ng/ul#	98
16) 4-Methylphenol	8.21	108	63884	7.882	ng/ul	91
17) Hexachloroethane	8.49	117	35076	9.458	ng/ul	92
20) Nitrobenzene	8.62	77	79458	9.202	ng/ul	98
21) Isophorone	9.14	82	144488	9.791	ng/ul	96
23) 2-Nitrophenol	9.32	139	42132	10.593	ng/ul	96
24) 2,4-Dimethylphenol	9.39	107	72345	8.723	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.63	93	78666	8.807	ng/ul	94
27) 2,4-Dichlorophenol	9.85	162	68585	9.601	ng/ul	99
28) Naphthalene	10.23	128	228126	9.503	ng/ul	98
30) 4-Chloroaniline	10.36	127	75110	9.962	ng/ul	94
31) Hexachlorobutadiene	10.53	225	56946	11.513	ng/ul	94
32) Caprolactam	11.14	113	12769m	6.655	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	64088	8.364	ng/ul	96
34) 2-Methylnaphthalene	11.85	142	159890	9.185	ng/ul	93

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35) 1-Methylnaphthalene	12.07	142	157622	9.746	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	91729	10.220	ng/ul	98
38) Hexachlorocyclopentadiene	12.22	237	58297	10.542	ng/ul	99
39) 2,4,6-Trichlorophenol	12.49	196	53470	9.361	ng/ul	98
40) 2,4,5-Trichlorophenol	12.56	196	60499	9.454	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	215655	9.690	ng/ul	95
42) 2-Chloronaphthalene	12.93	162	169430	9.595	ng/ul	98
43) 2-Nitroaniline	13.15	65	31293	6.999	ng/ul	97
45) Dimethylphthalate	13.55	163	207313	9.233	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	37832	8.503	ng/ul	97
48) Acenaphthylene	13.79	152	247178	9.280	ng/ul	99
49) 3-Nitroaniline	13.99	138	31441	7.657	ng/ul#	99
50) Acenaphthene	14.13	153	179212	9.579	ng/ul	97
51) 2,4-Dinitrophenol	14.21	184	15670	6.106	ng/ul	95
53) 4-Nitrophenol	14.31	109	27597	7.569	ng/ul	99
54) Dibenzofuran	14.47	168	257114	9.590	ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	55410	8.534	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.71	232	47697	8.920	ng/ul#	86
57) Diethylphthalate	14.93	149	207447	9.379	ng/ul	99
59) Fluorene	15.13	166	207660	9.198	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.13	204	112789	9.989	ng/ul	99
61) 4-Nitroaniline	15.16	138	33488	6.907	ng/ul	83
64) 4,6-Dinitro-2-methylphenol	15.22	198	32663	8.800	ng/ul	97
65) N-Nitrosodiphenylamine	15.35	169	178067	9.710	ng/ul	98
66) 4-Bromophenyl-phenylether	16.03	248	62038	9.660	ng/ul	97
67) Hexachlorobenzene	16.14	284	72865	10.225	ng/ul	96
68) Atrazine	16.32	200	59868	9.619	ng/ul	97
69) Pentachlorophenol	16.49	266	32455	7.702	ng/ul#	89
70) Phenanthrene	16.87	178	346881	9.809	ng/ul	99
72) Anthracene	16.96	178	350819	9.770	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	100660	11.716	ng/uL	97
74) Pentachlorobenzene	14.40	250	86572	10.497	ng/uL	88
75) Carbazole	17.24	167	280202	9.157	ng/ul	99
76) Di-n-butylphthalate	17.82	149	328254	8.994	ng/ul	99
77) Fluoranthene	18.90	202	401109	10.066	ng/ul	99
80) Pyrene	19.26	202	433276	10.076	ng/ul	98
81) Butylbenzylphthalate	20.20	149	142650	8.694	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.97	252	106763	7.978	ng/ul	95
83) Benzo(a)anthracene	21.03	228	418380	9.298	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.00	149	199239	7.639	ng/ul	100
85) Chrysene	21.08	228	417191	9.640	ng/ul	97
87) Di-n-octyl phthalate	21.85	149	331134	8.027	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	429871	9.886	ng/ul	99
89) Benzo(k)fluoranthene	22.58	252	436562m	9.976	ng/ul	
91) Benzo(a)pyrene	23.07	252	391637	10.212	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.21	276	513225	11.312	ng/ul	97
93) Dibenzo(a,h)anthracene	25.22	278	421537	11.066	ng/ul	99
94) Benzo(a,h,i)perylene	25.83	276	425026	11.596	ng/ul	96

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

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