

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081822\
 Data File : BM036350.D
 Acq On : 18 Aug 2022 17:47
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020153

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
 Supervised By :Sohil Jodhani 08/22/2022

Quant Time: Aug 18 18:34:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	227691	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.598	136	1001840	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	592267	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1157827	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1123490	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	1128704	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	44907	7.516	ng/uL	0.00
4) Pyridine-d5	3.634	84	306773	18.620	ng/u1	0.00
7) Phenol-d5	6.975	99	365526	18.807	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	236685	19.347	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	297231	19.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	281000	19.364	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	147883	19.469	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.686	143	150480	19.531	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	279689	20.316	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	413072	19.355	ng/u1	-0.01
46) Dimethylphthalate-d6	13.863	166	742021	19.803	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	916055	19.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	128489	18.098	ng/u1	-0.01
60) Fluorene-d10	15.433	176	668836	19.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	99893	16.782	ng/u1	0.00
73) Anthracene-d10	17.280	188	1008000	19.579	ng/u1	0.00
81) Pyrene-d10	19.574	212	1109607	19.039	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.544	264	1072841	19.386	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	48398	7.691	ng/uL	94
5) Pyridine	3.651	79	317122	18.633	ng/u1	91
6) Benzaldehyde	6.939	77	180790	22.646	ng/u1	91
8) Phenol	7.004	94	385358	19.071	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	310666	19.222	ng/u1	98
12) 2-Chlorophenol	7.357	128	314320	19.684	ng/u1	98
13) 2-Methylphenol	8.251	108	286145	19.210	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	429826	19.878	ng/u1	98
16) Acetophenone	8.628	105	465582	19.948	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.610	70	236170	20.330	ng/u1	98
18) 4-Methylphenol	8.581	108	314916	19.751	ng/u1	99
19) Hexachloroethane	8.869	117	130945	19.601	ng/u1	90
22) Nitrobenzene	9.004	77	354822	19.715	ng/u1	98
23) Isophorone	9.533	82	633620	19.825	ng/u1	97
25) 2-Nitrophenol	9.716	139	166510	19.398	ng/u1	97
26) 2,4-Dimethylphenol	9.780	107	338128	19.697	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	408081	19.613	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	280759	19.933	ng/u1	99
30) Naphthalene	10.645	128	1020039	19.399	ng/u1	100
32) 4-Chloroaniline	10.769	127	424074	19.535	ng/u1	99
33) Hexachlorobutadiene	10.922	225	170852	19.308	ng/u1	97
34) Caprolactam	11.557	113	79628	18.868	ng/u1	91
35) 4-Chloro-3-methylphenol	11.904	107	288605	20.265	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	653391	19.805	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	661059	19.896	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	310200	18.949	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	132118	13.604	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	199700	19.386	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	213251	19.517	ng/ul	98
43) 1,1'-Biphenyl	13.274	154	859289	19.291	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	657002	19.221	ng/ul	99
45) 2-Nitroaniline	13.539	65	182143	19.678	ng/ul	97
47) Dimethylphthalate	13.910	163	758176	19.658	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	148721	20.437	ng/ul	91
50) Acenaphthylene	14.163	152	1073915	19.486	ng/ul	100
51) 3-Nitroaniline	14.363	138	151276	19.009	ng/ul	99
52) Acenaphthene	14.504	153	697147	19.408	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	59489	15.000	ng/ul	93
55) 4-Nitrophenol	14.680	109	100471	17.911	ng/ul	82
56) Dibenzofuran	14.839	168	975066	19.563	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	213855	20.721	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.068	232	169208	20.396	ng/ul#	90
59) Diethylphthalate	15.268	149	772421	20.316	ng/ul	99
61) Fluorene	15.486	166	786215	19.888	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	365898	19.814	ng/ul	98
63) 4-Nitroaniline	15.527	138	143944m	19.389	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	103437	17.187	ng/ul#	91
67) N-Nitrosodiphenylamine	15.704	169	640099	19.338	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	209084	19.502	ng/ul	98
69) Hexachlorobenzene	16.486	284	250175	19.256	ng/ul	97
70) Atrazine	16.657	200	215068	19.016	ng/ul	97
71) Pentachlorophenol	16.839	266	131973	18.425	ng/ul	98
72) Phenanthrene	17.227	178	1181944	19.418	ng/ul	99
74) Anthracene	17.315	178	1208738	19.808	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	321380	18.499	ng/uL	97
76) Pentachlorobenzene	14.757	250	308879	19.042	ng/uL	100
77) Carbazole	17.598	167	1098198	19.221	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1283494	20.538	ng/ul	99
80) Fluoranthene	19.245	202	1335269	18.958	ng/ul	97
82) Pyrene	19.603	202	1397048	19.007	ng/ul	98
83) Butylbenzylphthalate	20.509	149	558317	20.304	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.291	252	434249	18.770	ng/ul	98
85) Benzo(a)anthracene	21.350	228	1314160	19.465	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	812373	21.398	ng/ul#	97
87) Chrysene	21.403	228	1282212	19.328	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1346984	20.075	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	1351231	19.636	ng/ul	97
91) Benzo(k)fluoranthene	23.033	252	1273276	19.448	ng/ul	97
93) Benzo(a)pyrene	23.591	252	1320625	19.507	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.109	276	1500246	18.848	ng/ul	96
95) Dibenzo(a,h)anthracene	26.121	278	1300359	18.965	ng/ul	97
96) Benzo(g,h,i)perylene	26.850	276	1282415	18.840	ng/ul	97

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

