

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081922\
 Data File : BM036359.D
 Acq On : 19 Aug 2022 17:26
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020155

Manual Integrations
 APPROVED

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

Quant Time: Aug 20 07:08:22 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	231066	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.598	136	1008944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	563467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1025581	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	929194	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	941961	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	44938	7.412	ng/uL	0.00
4) Pyridine-d5	3.634	84	312133	18.668	ng/u1	0.00
7) Phenol-d5	6.975	99	376653	19.097	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	244068	19.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	302262	19.505	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	287884	19.548	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	150453	19.668	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	151954	19.583	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	272883	19.682	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	400475	18.632	ng/u1	-0.01
46) Dimethylphthalate-d6	13.863	166	697855	19.577	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	860829	19.361	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	110983	16.431	ng/u1	-0.01
60) Fluorene-d10	15.433	176	613937	19.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	83256	15.790	ng/u1	0.00
73) Anthracene-d10	17.280	188	880761	19.314	ng/u1	0.00
81) Pyrene-d10	19.574	212	929891	19.292	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.544	264	901107	19.511	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	48064	7.526	ng/uL	96
5) Pyridine	3.651	79	320313	18.545	ng/u1	91
6) Benzaldehyde	6.939	77	182297	22.501	ng/u1	91
8) Phenol	7.004	94	392275	19.129	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	321726	19.615	ng/u1	96
12) 2-Chlorophenol	7.363	128	320802	19.796	ng/u1	99
13) 2-Methylphenol	8.251	108	290441	19.214	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.322	45	453690m	20.675	ng/u1	
16) Acetophenone	8.628	105	474449	20.031	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	243079	20.619	ng/u1	97
18) 4-Methylphenol	8.586	108	316205	19.542	ng/u1	100
19) Hexachloroethane	8.869	117	132593	19.558	ng/u1	91
22) Nitrobenzene	9.010	77	359865	19.854	ng/u1	98
23) Isophorone	9.533	82	641454	19.929	ng/u1	96
25) 2-Nitrophenol	9.716	139	169176	19.570	ng/u1	95
26) 2,4-Dimethylphenol	9.786	107	338532	19.582	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	412861	19.703	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	278896	19.662	ng/u1	99
30) Naphthalene	10.645	128	1026142	19.378	ng/u1	99
32) 4-Chloroaniline	10.769	127	406171	18.579	ng/u1	99
33) Hexachlorobutadiene	10.922	225	173247	19.441	ng/u1	98
34) Caprolactam	11.563	113	76899	18.093	ng/u1	94
35) 4-Chloro-3-methylphenol	11.904	107	276617	19.287	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	641889	19.320	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	651111	19.459	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	304936	19.580	ng/ul	96
40) Hexachlorocyclopentadiene	12.598	237	128483	13.906	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	192333	19.626	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	197635	19.012	ng/ul	98
43) 1,1'-Biphenyl	13.274	154	831561	19.622	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	628152	19.316	ng/ul	99
45) 2-Nitroaniline	13.539	65	171369	19.461	ng/ul	97
47) Dimethylphthalate	13.910	163	712962	19.430	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	136295	19.687	ng/ul	91
50) Acenaphthylene	14.163	152	1023488	19.521	ng/ul	100
51) 3-Nitroaniline	14.363	138	135408	17.884	ng/ul	100
52) Acenaphthene	14.504	153	659718	19.305	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	50213	13.308	ng/ul	90
55) 4-Nitrophenol	14.680	109	87413	16.379	ng/ul	85
56) Dibenzofuran	14.839	168	914092	19.277	ng/ul	96
57) 2,4-Dinitrotoluene	14.821	165	187940	19.141	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.068	232	152006	19.259	ng/ul#	91
59) Diethylphthalate	15.268	149	708274	19.581	ng/ul	99
61) Fluorene	15.486	166	719971	19.143	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	336795	19.170	ng/ul	98
63) 4-Nitroaniline	15.527	138	126314m	17.884	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	86945	16.309	ng/ul#	94
67) N-Nitrosodiphenylamine	15.704	169	586962	20.019	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	189035	19.906	ng/ul	99
69) Hexachlorobenzene	16.486	284	220796	19.186	ng/ul	98
70) Atrazine	16.656	200	190797	19.045	ng/ul	98
71) Pentachlorophenol	16.839	266	110654	17.441	ng/ul	99
72) Phenanthrene	17.227	178	1041572	19.318	ng/ul	98
74) Anthracene	17.315	178	1060465	19.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	310733	20.193	ng/uL	98
76) Pentachlorobenzene	14.757	250	285893	19.897	ng/uL	98
77) Carbazole	17.598	167	942980	18.633	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1102966	19.926	ng/ul	99
80) Fluoranthene	19.245	202	1128152	19.366	ng/ul	98
82) Pyrene	19.603	202	1173766	19.309	ng/ul	98
83) Butylbenzylphthalate	20.509	149	470690	20.697	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.291	252	369426	19.307	ng/ul	99
85) Benzo(a)anthracene	21.350	228	1081622	19.370	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	664719	21.170	ng/ul#	98
87) Chrysene	21.403	228	1044765	19.042	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1116134	19.932	ng/ul	100
90) Benzo(b)fluoranthene	22.985	252	1132652	19.722	ng/ul	98
91) Benzo(k)fluoranthene	23.033	252	1031445	18.878	ng/ul	99
93) Benzo(a)pyrene	23.591	252	1094327	19.369	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.109	276	1257445	18.930	ng/ul	96
95) Dibenzo(a,h)anthracene	26.121	278	1092640	19.095	ng/ul	97
96) Benzo(g,h,i)perylene	26.844	276	1072372	18.878	ng/ul	98

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

