

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036377.D
 Acq On : 22 Aug 2022 21:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020157

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2022
 Supervised By :Sohil Jodhani 08/24/2022

Quant Time: Aug 23 01:06:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	281970	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1302975	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	741160	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1298413	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1122257	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	1094351	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	58311	7.881	ng/uL	0.00
4) Pyridine-d5	3.628	84	404311	19.816	ng/u1	0.00
7) Phenol-d5	6.969	99	479556	19.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	323434	21.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	372298	19.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	367787	20.466	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	189731	19.206	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	187712	18.733	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	345490	19.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	522849	18.836	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	909149	19.389	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1136320	19.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.662	143	138594	15.599	ng/u1	0.00
60) Fluorene-d10	15.427	176	810590	19.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	106593	15.968	ng/u1	0.00
73) Anthracene-d10	17.280	188	1117268	19.352	ng/u1	0.00
81) Pyrene-d10	19.574	212	1123985	19.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.538	264	1032261	19.239	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	64070	8.222	ng/uL	96
5) Pyridine	3.651	79	419298	19.894	ng/u1	91
6) Benzaldehyde	6.939	77	232576	23.525	ng/u1	91
8) Phenol	6.998	94	504285	20.152	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.228	93	413073	20.638	ng/u1	99
12) 2-Chlorophenol	7.357	128	395568	20.003	ng/u1	98
13) 2-Methylphenol	8.251	108	373755	20.262	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.333	45	603739	22.546	ng/u1	99
16) Acetophenone	8.628	105	617522	21.364	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.610	70	327911	22.793	ng/u1	97
18) 4-Methylphenol	8.581	108	407241	20.625	ng/u1	100
19) Hexachloroethane	8.863	117	164038	19.828	ng/u1	84
22) Nitrobenzene	9.004	77	472295	20.177	ng/u1	95
23) Isophorone	9.533	82	866307	20.841	ng/u1	96
25) 2-Nitrophenol	9.716	139	211459	18.941	ng/u1	96
26) 2,4-Dimethylphenol	9.780	107	439751	19.696	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	555696	20.535	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	350531	19.135	ng/u1	99
30) Naphthalene	10.645	128	1325160	19.377	ng/u1	99
32) 4-Chloroaniline	10.769	127	532489	18.861	ng/u1	100
33) Hexachlorobutadiene	10.916	225	208694	18.134	ng/u1	99
34) Caprolactam	11.563	113	95700	17.436	ng/u1	96
35) 4-Chloro-3-methylphenol	11.898	107	363252	19.612	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	851359	19.842	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	862292	19.955	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.627	216	388826	18.981	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	241774	19.894	ng/ul	95
41) 2,4,6-Trichlorophenol	12.874	196	240614	18.666	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	249582	18.253	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1108953	19.894	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	817417	19.110	ng/ul	99
45) 2-Nitroaniline	13.533	65	229063	19.776	ng/ul	94
47) Dimethylphthalate	13.904	163	932591	19.322	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	173099	19.008	ng/ul#	80
50) Acenaphthylene	14.157	152	1353227	19.622	ng/ul	99
51) 3-Nitroaniline	14.363	138	171000	17.170	ng/ul	100
52) Acenaphthene	14.498	153	889210	19.782	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	77386	15.593	ng/ul	92
55) 4-Nitrophenol	14.674	109	108766	15.494	ng/ul	89
56) Dibenzofuran	14.833	168	1197159	19.194	ng/ul	97
57) 2,4-Dinitrotoluene	14.815	165	242145	18.749	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.062	232	189554	18.258	ng/ul#	86
59) Diethylphthalate	15.262	149	943397	19.829	ng/ul	98
61) Fluorene	15.486	166	965043	19.507	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	444491	19.234	ng/ul	97
63) 4-Nitroaniline	15.521	138	154602m	16.642	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.574	198	111133	16.466	ng/ul#	85
67) N-Nitrosodiphenylamine	15.698	169	772086	20.799	ng/ul	97
68) 4-Bromophenyl-phenylether	16.374	248	241435	20.082	ng/ul	97
69) Hexachlorobenzene	16.480	284	274023	18.808	ng/ul	94
70) Atrazine	16.656	200	237691	18.740	ng/ul	99
71) Pentachlorophenol	16.833	266	147849	18.407	ng/ul	98
72) Phenanthrene	17.221	178	1338622	19.611	ng/ul	98
74) Anthracene	17.315	178	1359523	19.867	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	392029	20.123	ng/uL	98
76) Pentachlorobenzene	14.751	250	366081	20.124	ng/uL	99
77) Carbazole	17.592	167	1188823	18.554	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1403227	20.023	ng/ul	99
80) Fluoranthene	19.239	202	1369923	19.471	ng/ul	99
82) Pyrene	19.603	202	1435265	19.549	ng/ul	100
83) Butylbenzylphthalate	20.503	149	531362	19.345	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.286	252	398407	17.240	ng/ul	98
85) Benzo(a)anthracene	21.350	228	1279646	18.974	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	772627	20.373	ng/ul#	96
87) Chrysene	21.403	228	1245909	18.801	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1265129	19.447	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1273163	19.082	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1251192	19.711	ng/ul	99
93) Benzo(a)pyrene	23.585	252	1267479	19.310	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.097	276	1430618	18.538	ng/ul	97
95) Dibenzo(a,h)anthracene	26.115	278	1229969	18.501	ng/ul	98
96) Benzo(g,h,i)perylene	26.844	276	1198703	18.163	ng/ul	100

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

