

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038162.D
 Acq On : 21 Dec 2022 09:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020079

Quant Time: Dec 21 23:29:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 00:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	218594	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	969136	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.668	164	607813	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	1270164	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	946913	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	863903	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	34826	7.234	ng/uL	0.00
4) Pyridine-d5	3.828	84	261487	18.309	ng/u1	0.00
7) Phenol-d5	7.204	99	350518	19.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	197768	18.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	309649	21.250	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	298310	21.514	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	158178	20.614	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	184015	22.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	344252	22.539	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	460709	21.852	ng/u1	0.00
46) Dimethylphthalate-d6	14.080	166	940473	21.703	ng/u1	0.00
49) Acenaphthylene-d8	14.368	160	1102251	20.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	166632	22.563	ng/u1	0.00
60) Fluorene-d10	15.657	176	816309	21.144	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	139499	20.542	ng/u1	0.00
73) Anthracene-d10	17.509	188	1241969	20.951	ng/u1	0.00
81) Pyrene-d10	19.792	212	1307867	22.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	908077	21.045	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	35509	7.031	ng/uL	96
5) Pyridine	3.851	79	258381	18.003	ng/u1	97
6) Benzaldehyde	7.175	77	128580	19.354	ng/u1	97
8) Phenol	7.228	94	346098	19.427	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.463	93	274752	18.781	ng/u1	96
12) 2-Chlorophenol	7.604	128	314821	21.125	ng/u1	97
13) 2-Methylphenol	8.486	108	283533	20.797	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.575	45	476010	18.020	ng/u1	99
16) Acetophenone	8.875	105	461340	21.155	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.857	70	215450	20.973	ng/u1	96
18) 4-Methylphenol	8.822	108	310440	21.049	ng/u1	100
19) Hexachloroethane	9.128	117	124728	20.935	ng/u1	96
22) Nitrobenzene	9.257	77	326525	19.777	ng/u1	96
23) Isophorone	9.786	82	626195	20.697	ng/u1	98
25) 2-Nitrophenol	9.969	139	188773	22.392	ng/u1	96
26) 2,4-Dimethylphenol	10.027	107	354363	21.736	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	401996	19.988	ng/u1	99
29) 2,4-Dichlorophenol	10.504	162	333024	22.224	ng/u1	99
30) Naphthalene	10.910	128	1059906	20.266	ng/u1	100
32) 4-Chloroaniline	11.022	127	457767	21.773	ng/u1	99
33) Hexachlorobutadiene	11.186	225	222964	22.618	ng/u1	97
34) Caprolactam	11.816	113	92006	23.935	ng/u1	87
35) 4-Chloro-3-methylphenol	12.139	107	321606	23.578	ng/u1	93
36) 2-Methylnaphthalene	12.510	142	722812	21.308	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	734762	21.183	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.874	216	403312	20.308	ng/ul	97
40) Hexachlorocyclopentadiene	12.845	237	116624	10.266	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	271535	22.447	ng/ul	99
42) 2,4,5-Trichlorophenol	13.186	196	290414	23.019	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	986193	20.185	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	772414	20.494	ng/ul	97
45) 2-Nitroaniline	13.763	65	195975	21.580	ng/ul	94
47) Dimethylphthalate	14.127	163	929929	21.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	188540	22.704	ng/ul	96
50) Acenaphthylene	14.398	152	1214656	20.858	ng/ul	99
51) 3-Nitroaniline	14.580	138	180431	21.777	ng/ul	99
52) Acenaphthene	14.733	153	828538	20.570	ng/ul	100
53) 2,4-Dinitrophenol	14.786	184	87975	21.589	ng/ul	93
55) 4-Nitrophenol	14.886	109	126471	25.968	ng/ul	87
56) Dibenzofuran	15.068	168	1146708	20.852	ng/ul	96
57) 2,4-Dinitrotoluene	15.033	165	263851	23.461	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	247740	23.344	ng/ul	95
59) Diethylphthalate	15.480	149	952627	22.367	ng/ul	98
61) Fluorene	15.715	166	957581	21.352	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	479989	21.900	ng/ul	96
63) 4-Nitroaniline	15.739	138	175634	23.379	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.798	198	133438	20.297	ng/ul#	94
67) N-Nitrosodiphenylamine	15.915	169	772162	20.153	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	286389	20.569	ng/ul	97
69) Hexachlorobenzene	16.715	284	344944	20.755	ng/ul	98
70) Atrazine	16.868	200	288939	22.068	ng/ul	97
71) Pentachlorophenol	17.056	266	202679	21.934	ng/ul	99
72) Phenanthrene	17.451	178	1413120	20.373	ng/ul	100
74) Anthracene	17.545	178	1455204	20.644	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.474	216	397498	19.358	ng/ul	99
76) Pentachlorobenzene	14.986	250	397583	19.546	ng/ul	100
77) Carbazole	17.815	167	1267770	20.759	ng/ul	100
78) Di-n-butylphthalate	18.362	149	1688530	23.260	ng/ul	100
80) Fluoranthene	19.456	202	1553690	23.144	ng/ul#	94
82) Pyrene	19.821	202	1589027	22.744	ng/ul#	94
83) Butylbenzylphthalate	20.703	149	697186	26.836	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.491	252	357201	19.063	ng/ul	98
85) Benzo(a)anthracene	21.562	228	1356543	21.279	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1042702	27.589	ng/ul	99
87) Chrysene	21.615	228	1233621	20.625	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	1603100	28.960	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1151913	21.508	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1156194	22.275	ng/ul	98
93) Benzo(a)pyrene	23.921	252	991281	21.047	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.591	276	1270516	20.946	ng/ul	99
95) Dibenzo(a,h)anthracene	26.603	278	1073223	20.988	ng/ul	98
96) Benzo(g,h,i)perylene	27.379	276	1017406	21.008	ng/ul	98

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

