

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038180.D
 Acq On : 21 Dec 2022 20:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020080

Quant Time: Dec 21 23:33:40 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	189389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	821041	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.668	164	518749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	1068518	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.574	240	738811	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	727835	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	29534	7.081	ng/uL	0.00
4) Pyridine-d5	3.828	84	224477	18.142	ng/u1	0.00
7) Phenol-d5	7.204	99	296159	19.244	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	172461	18.403	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	261368	20.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	254472	21.183	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	133818	20.585	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	153842	22.583	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	292616	22.614	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	391885	21.940	ng/u1	0.00
46) Dimethylphthalate-d6	14.080	166	814173	22.015	ng/u1	0.00
49) Acenaphthylene-d8	14.368	160	957476	21.183	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	136263	21.619	ng/u1	0.00
60) Fluorene-d10	15.657	176	698592	21.202	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	94656	16.569	ng/u1	0.00
73) Anthracene-d10	17.503	188	1026423	20.582	ng/u1	0.00
81) Pyrene-d10	19.792	212	1016202	22.898	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.862	264	764243	21.022	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	30909	7.064	ng/uL	95
5) Pyridine	3.846	79	219203	17.628	ng/u1	96
6) Benzaldehyde	7.175	77	113077	19.645	ng/u1	98
8) Phenol	7.228	94	294727	19.095	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.463	93	237119	18.708	ng/u1	96
12) 2-Chlorophenol	7.604	128	268227	20.774	ng/u1	99
13) 2-Methylphenol	8.486	108	240168	20.333	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	412773	18.036	ng/u1	97
16) Acetophenone	8.875	105	399634	21.152	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.857	70	187881	21.109	ng/u1	97
18) 4-Methylphenol	8.822	108	263333	20.609	ng/u1	97
19) Hexachloroethane	9.128	117	105644	20.467	ng/u1	95
22) Nitrobenzene	9.257	77	283477	20.267	ng/u1	96
23) Isophorone	9.780	82	545480	21.282	ng/u1	99
25) 2-Nitrophenol	9.969	139	158439	22.184	ng/u1	95
26) 2,4-Dimethylphenol	10.027	107	304477	22.045	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	338886	19.890	ng/u1	96
29) 2,4-Dichlorophenol	10.504	162	282047	22.217	ng/u1	99
30) Naphthalene	10.910	128	909231	20.521	ng/u1	99
32) 4-Chloroaniline	11.022	127	380200	21.346	ng/u1	98
33) Hexachlorobutadiene	11.180	225	190213	22.776	ng/u1	99
34) Caprolactam	11.810	113	77132	23.685	ng/u1	93
35) 4-Chloro-3-methylphenol	12.139	107	275782	23.865	ng/u1	95
36) 2-Methylnaphthalene	12.504	142	610511	21.244	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	625922	21.301	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.868	216	351484	20.737	ng/ul	97
40) Hexachlorocyclopentadiene	12.845	237	69558	7.174	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	230704	22.346	ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	252717	23.471	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	837355	20.082	ng/ul#	98
44) 2-Chloronaphthalene	13.551	162	653562	20.318	ng/ul	98
45) 2-Nitroaniline	13.763	65	168463	21.735	ng/ul	94
47) Dimethylphthalate	14.127	163	801631	21.969	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	159788	22.545	ng/ul	95
50) Acenaphthylene	14.392	152	1027578	20.675	ng/ul	99
51) 3-Nitroaniline	14.580	138	160896	22.753	ng/ul	98
52) Acenaphthene	14.733	153	702160	20.425	ng/ul	98
53) 2,4-Dinitrophenol	14.786	184	55629	15.995	ng/ul	91
55) 4-Nitrophenol	14.886	109	109664	26.383	ng/ul	84
56) Dibenzofuran	15.068	168	982794	20.940	ng/ul	95
57) 2,4-Dinitrotoluene	15.033	165	225114	23.453	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	211176	23.315	ng/ul	95
59) Diethylphthalate	15.480	149	824048	22.670	ng/ul	98
61) Fluorene	15.709	166	809332	21.145	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	418245	22.359	ng/ul	97
63) 4-Nitroaniline	15.739	138	158492	24.719	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.792	198	88203	15.948	ng/ul	98
67) N-Nitrosodiphenylamine	15.915	169	661799	20.533	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	243361	20.777	ng/ul	95
69) Hexachlorobenzene	16.709	284	292173	20.897	ng/ul#	93
70) Atrazine	16.862	200	250025	22.699	ng/ul	95
71) Pentachlorophenol	17.056	266	164495	21.161	ng/ul	100
72) Phenanthrene	17.451	178	1173834	20.117	ng/ul	99
74) Anthracene	17.539	178	1219403	20.563	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.474	216	344002	19.914	ng/ul	99
76) Pentachlorobenzene	14.986	250	344965	20.159	ng/ul	99
77) Carbazole	17.809	167	1042911	20.299	ng/ul	99
78) Di-n-butylphthalate	18.362	149	1423539	23.311	ng/ul	100
80) Fluoranthene	19.456	202	1230793	23.499	ng/ul#	94
82) Pyrene	19.821	202	1247454	22.884	ng/ul#	93
83) Butylbenzylphthalate	20.697	149	549632	27.116	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.491	252	241536	16.521	ng/ul	97
85) Benzo(a)anthracene	21.556	228	1053073	21.172	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	826795	28.038	ng/ul	100
87) Chrysene	21.615	228	954824	20.460	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	1251917	26.844	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	957281	21.215	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	941285	21.524	ng/ul	99
93) Benzo(a)pyrene	23.915	252	830660	20.934	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	1076735	21.070	ng/ul	99
95) Dibenzo(a,h)anthracene	26.603	278	913247	21.198	ng/ul	98
96) Benzo(g,h,i)perylene	27.379	276	868090	21.276	ng/ul	98

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

