

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043688.D
 Acq On : 02 Jan 2024 10:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020177

Quant Time: Jan 02 12:01:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	188410	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	795303	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	443153	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	886002	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	820401	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	920504	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	48632	8.389	ng/uL	0.00
4) Pyridine-d5	3.793	84	331989	19.898	ng/u1	0.00
7) Phenol-d5	7.122	99	400430	18.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	253590	18.682	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	309810	18.932	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	298777	17.964	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	146432	19.030	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	154307	19.409	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	269917	19.232	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	387742	18.779	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	734020	18.400	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	887051	18.744	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	154507	20.463	ng/u1	0.01
60) Fluorene-d10	15.586	176	628634	19.056	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	105422	17.991	ng/u1	0.00
73) Anthracene-d10	17.439	188	934763	18.812	ng/u1	0.00
81) Pyrene-d10	19.727	212	1002815	15.483	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	1043032	18.362	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	52395	8.181	ng/uL	95
5) Pyridine	3.810	79	350996	20.342	ng/u1	95
6) Benzaldehyde	7.104	77	191411	18.835	ng/u1	99
8) Phenol	7.151	94	398599	18.903	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.392	93	324373	18.949	ng/u1	98
12) 2-Chlorophenol	7.516	128	318305	19.094	ng/u1	99
13) 2-Methylphenol	8.404	108	288645	18.028	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.486	45	535279	18.621	ng/u1	99
16) Acetophenone	8.792	105	459564	18.048	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	256804	16.897	ng/u1	98
18) 4-Methylphenol	8.734	108	312358	18.000	ng/u1	96
19) Hexachloroethane	9.028	117	135773	19.315	ng/u1	98
22) Nitrobenzene	9.175	77	370064	19.433	ng/u1	99
23) Isophorone	9.698	82	673052	17.424	ng/u1	99
25) 2-Nitrophenol	9.880	139	163410	19.339	ng/u1	98
26) 2,4-Dimethylphenol	9.939	107	294957	19.596	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.186	93	417660	18.311	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	262479	19.271	ng/u1	99
30) Naphthalene	10.816	128	963547	19.010	ng/u1	99
32) 4-Chloroaniline	10.933	127	383278	19.304	ng/u1	98
33) Hexachlorobutadiene	11.086	225	136137	19.604	ng/u1	99
34) Caprolactam	11.722	113	81728	18.777	ng/u1	94
35) 4-Chloro-3-methylphenol	12.057	107	288747	18.049	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	627102	18.175	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	633337	18.199	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	258022	19.109	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	158151	18.668	ng/ul	97
41) 2,4,6-Trichlorophenol	13.033	196	181167	18.876	ng/ul	96
42) 2,4,5-Trichlorophenol	13.104	196	193897	19.027	ng/ul	98
43) 1,1'-Biphenyl	13.433	154	782649	18.527	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	621047	19.176	ng/ul	99
45) 2-Nitroaniline	13.686	65	211552	19.479	ng/ul	96
47) Dimethylphthalate	14.063	163	736782	18.702	ng/ul	99
48) 2,6-Dinitrotoluene	14.186	165	142532	18.713	ng/ul	95
50) Acenaphthylene	14.316	152	1019019	18.751	ng/ul	98
51) 3-Nitroaniline	14.515	138	166510	19.043	ng/ul	98
52) Acenaphthene	14.657	153	675463	18.859	ng/ul	99
53) 2,4-Dinitrophenol	14.721	184	90638	22.354	ng/ul	98
55) 4-Nitrophenol	14.815	109	124679	21.266	ng/ul	96
56) Dibenzofuran	14.992	168	885148	19.136	ng/ul	98
57) 2,4-Dinitrotoluene	14.968	165	212352	19.733	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.215	232	147840	18.935	ng/ul	98
59) Diethylphthalate	15.421	149	755971	18.724	ng/ul	99
61) Fluorene	15.639	166	752976	19.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	323158	18.591	ng/ul	99
63) 4-Nitroaniline	15.674	138	175696	21.953	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.727	198	115561	18.472	ng/ul	95
67) N-Nitrosodiphenylamine	15.857	169	605068	17.780	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	181230	17.265	ng/ul	97
69) Hexachlorobenzene	16.633	284	217688	18.102	ng/ul	97
70) Atrazine	16.809	200	131241	17.594	ng/ul	99
71) Pentachlorophenol	16.986	266	149355	20.544	ng/ul	98
72) Phenanthrene	17.380	178	1134341	18.890	ng/ul	100
74) Anthracene	17.474	178	1151246	18.996	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	256436	17.624	ng/ul	99
76) Pentachlorobenzene	14.904	250	245007	17.293	ng/ul	99
77) Carbazole	17.751	167	1105329	21.370	ng/ul	99
78) Di-n-butylphthalate	18.315	149	1338192	19.790	ng/ul	100
80) Fluoranthene	19.398	202	1225207	15.275	ng/ul	97
82) Pyrene	19.756	202	1308560	15.869	ng/ul	100
83) Butylbenzylphthalate	20.668	149	619788	17.385	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.444	252	410980	20.340	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1277796	18.626	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	948487	18.688	ng/ul	99
87) Chrysene	21.562	228	1176081	19.056	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	1601715	18.190	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	1260863	17.874	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	1259734	18.310	ng/ul	100
93) Benzo(a)pyrene	23.827	252	1195584	18.577	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.444	276	1500889	19.531	ng/ul	100
95) Dibenzo(a,h)anthracene	26.462	278	1246541	19.590	ng/ul	99
96) Benzo(g,h,i)perylene	27.209	276	1173494	19.481	ng/ul	99

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

