

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
 Data File : BM037716.D
 Acq On : 26 Nov 2022 03:51
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020054

Quant Time: Nov 26 04:31:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:27:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	193038	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	978454	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	619251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	1279853	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1202463	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1117748	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	40565	8.715	ng/uL	0.00
4) Pyridine-d5	3.869	84	336697	22.223	ng/u1	0.00
7) Phenol-d5	7.258	99	402125	20.880	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	279138	21.728	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	288911	21.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	321484	20.977	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	157894	20.584	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	151970	20.107	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	281624	20.361	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	486019	21.175	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	919744	20.969	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	1102588	21.297	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	195442	20.229	ng/u1	0.00
60) Fluorene-d10	15.722	176	802793	20.898	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	123627	17.956	ng/u1	0.00
73) Anthracene-d10	17.574	188	1260519	21.061	ng/u1	0.00
81) Pyrene-d10	19.851	212	1349154	22.079	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1214483	21.109	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	45052	8.804	ng/uL#	89
5) Pyridine	3.893	79	345505	22.426	ng/u1	98
6) Benzaldehyde	7.240	77	212576	21.030	ng/u1	97
8) Phenol	7.287	94	426281	21.117	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.528	93	346290	21.160	ng/u1	98
12) 2-Chlorophenol	7.669	128	318223	21.768	ng/u1	98
13) 2-Methylphenol	8.552	108	322961	20.971	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.646	45	640489	21.667	ng/u1	99
16) Acetophenone	8.940	105	543883	21.559	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.928	70	321624	21.752	ng/u1	99
18) 4-Methylphenol	8.881	108	359645	21.138	ng/u1	97
19) Hexachloroethane	9.204	117	138468	21.900	ng/u1	96
22) Nitrobenzene	9.328	77	455969	21.801	ng/u1	97
23) Isophorone	9.857	82	880354	20.884	ng/u1	99
25) 2-Nitrophenol	10.040	139	177129	20.720	ng/u1	92
26) 2,4-Dimethylphenol	10.093	107	417015	22.212	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.334	93	501520	20.740	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	288939	20.419	ng/u1	99
30) Naphthalene	10.987	128	1132565	21.170	ng/u1	99
32) 4-Chloroaniline	11.093	127	510248	21.333	ng/u1	99
33) Hexachlorobutadiene	11.269	225	150524	20.264	ng/u1	98
34) Caprolactam	11.863	113	111928	18.992	ng/u1	97
35) 4-Chloro-3-methylphenol	12.198	107	389777	21.548	ng/u1	95
36) 2-Methylnaphthalene	12.581	142	781596	21.031	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	789903	21.127	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	303102	19.934	ng/ul	95
40) Hexachlorocyclopentadiene	12.922	237	172549	18.223	ng/ul	98
41) 2,4,6-Trichlorophenol	13.181	196	219990	20.092	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	238390	20.349	ng/ul	97
43) 1,1'-Biphenyl	13.581	154	1002123	21.310	ng/ul	98
44) 2-Chloronaphthalene	13.622	162	769919	21.065	ng/ul	96
45) 2-Nitroaniline	13.822	65	308680	22.276	ng/ul	98
47) Dimethylphthalate	14.192	163	978518	20.987	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	189950	21.098	ng/ul	91
50) Acenaphthylene	14.463	152	1262746	21.577	ng/ul	99
51) 3-Nitroaniline	14.639	138	216460	19.814	ng/ul	99
52) Acenaphthene	14.804	153	913825	21.834	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	89167	16.881	ng/ul	91
55) 4-Nitrophenol	14.933	109	194279	22.439	ng/ul	89
56) Dibenzofuran	15.133	168	1167199	21.367	ng/ul	95
57) 2,4-Dinitrotoluene	15.092	165	284089	21.504	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.357	232	194537	20.239	ng/ul	97
59) Diethylphthalate	15.545	149	1089317	21.647	ng/ul	100
61) Fluorene	15.780	166	1011470	21.375	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	420789	20.384	ng/ul	93
63) 4-Nitroaniline	15.792	138	225533	21.721	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.851	198	135814	18.587	ng/ul	94
67) N-Nitrosodiphenylamine	15.980	169	848832	21.345	ng/ul	97
68) 4-Bromophenyl-phenylether	16.663	248	206185	20.029	ng/ul	95
69) Hexachlorobenzene	16.780	284	266876	20.186	ng/ul	96
70) Atrazine	16.927	200	264588	19.602	ng/ul	97
71) Pentachlorophenol	17.122	266	160759	18.364	ng/ul	98
72) Phenanthrene	17.516	178	1600721	21.351	ng/ul	99
74) Anthracene	17.610	178	1633911	21.466	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	307290	20.070	ng/uL	100
76) Pentachlorobenzene	15.051	250	329393	20.228	ng/uL	99
77) Carbazole	17.874	167	1544268	21.340	ng/ul	99
78) Di-n-butylphthalate	18.427	149	1972201	18.828	ng/ul	99
80) Fluoranthene	19.516	202	1727644	22.133	ng/ul	96
82) Pyrene	19.880	202	1852255	22.466	ng/ul	98
83) Butylbenzylphthalate	20.763	149	903236	23.517	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	480342	19.890	ng/ul	99
85) Benzo(a)anthracene	21.621	228	1695967	21.083	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1324560	22.826	ng/ul	100
87) Chrysene	21.674	228	1591913	21.029	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	2255796	23.626	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1595834	21.002	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	1593883	21.509	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1399948	21.198	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.733	276	1513309	19.974	ng/ul	99
95) Dibenzo(a,h)anthracene	26.750	278	1360359	19.998	ng/ul	97
96) Benzo(g,h,i)perylene	27.539	276	1327460	20.120	ng/ul	98

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

