

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037820.D
 Acq On : 02 Dec 2022 09:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020060

Quant Time: Dec 02 21:45:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	144381	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	701299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	490566	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.456	188	1110367	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1235162	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1275847	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	24948	8.107	ng/uL	0.00
4) Pyridine-d5	3.863	84	198746	19.968	ng/u1	0.00
7) Phenol-d5	7.245	99	257085	19.764	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	161550	21.287	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	204520	20.795	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	206638	19.976	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	108340	19.448	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	107061	18.572	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	215750	20.181	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	327273	19.958	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	680302	20.195	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	826092	20.164	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	134043	19.171	ng/u1	0.00
60) Fluorene-d10	15.710	176	647920	21.201	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	103680	17.726	ng/u1	0.00
73) Anthracene-d10	17.556	188	1059773	20.754	ng/u1	0.00
81) Pyrene-d10	19.839	212	1271105	19.867	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.950	264	1315188	20.577	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	26084	7.909	ng/uL#	90
5) Pyridine	3.881	79	198014	20.290	ng/u1	91
6) Benzaldehyde	7.228	77	139109	22.205	ng/u1	99
8) Phenol	7.269	94	265771	19.993	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.510	93	218948	20.646	ng/u1	95
12) 2-Chlorophenol	7.651	128	221198	20.896	ng/u1	98
13) 2-Methylphenol	8.534	108	210718	19.876	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	455431	23.112	ng/u1	97
16) Acetophenone	8.928	105	341182	20.909	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	175513	21.354	ng/u1	94
18) 4-Methylphenol	8.863	108	231239	20.216	ng/u1	98
19) Hexachloroethane	9.186	117	86489	21.390	ng/u1	94
22) Nitrobenzene	9.310	77	240822	20.627	ng/u1	98
23) Isophorone	9.839	82	498626	19.851	ng/u1	99
25) 2-Nitrophenol	10.022	139	122176	19.558	ng/u1	95
26) 2,4-Dimethylphenol	10.080	107	246671	20.542	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.316	93	305028	20.110	ng/u1	98
29) 2,4-Dichlorophenol	10.557	162	224074	20.722	ng/u1	98
30) Naphthalene	10.969	128	787891	20.701	ng/u1	99
32) 4-Chloroaniline	11.075	127	337109	20.315	ng/u1	97
33) Hexachlorobutadiene	11.251	225	144026	21.502	ng/u1	98
34) Caprolactam	11.851	113	70639	17.989	ng/u1	91
35) 4-Chloro-3-methylphenol	12.180	107	234603	20.789	ng/u1	97
36) 2-Methylnaphthalene	12.563	142	549371	20.863	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	554770	21.050	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.927	216	290336	20.665	ng/u1	99
40) Hexachlorocyclopentadiene	12.904	237	155408	20.115	ng/u1	100
41) 2,4,6-Trichlorophenol	13.163	196	184843	20.153	ng/u1	98
42) 2,4,5-Trichlorophenol	13.233	196	202695	20.750	ng/u1	99
43) 1,1'-Biphenyl	13.563	154	730714	20.492	ng/u1	99
44) 2-Chloronaphthalene	13.604	162	574767	20.540	ng/u1	99
45) 2-Nitroaniline	13.804	65	160589	20.283	ng/u1	93
47) Dimethylphthalate	14.174	163	712322	20.302	ng/u1	99
48) 2,6-Dinitrotoluene	14.298	165	136736	19.087	ng/u1	98
50) Acenaphthylene	14.445	152	932042	20.519	ng/u1	99
51) 3-Nitroaniline	14.621	138	152406	17.824	ng/u1	98
52) Acenaphthene	14.786	153	654914	20.808	ng/u1	99
53) 2,4-Dinitrophenol	14.821	184	65255	15.597	ng/u1	92
55) 4-Nitrophenol	14.921	109	90795	21.067	ng/u1	95
56) Dibenzofuran	15.115	168	900681	21.254	ng/u1	99
57) 2,4-Dinitrotoluene	15.074	165	205494	20.540	ng/u1	88
58) 2,3,4,6-Tetrachlorophenol	15.339	232	179432	20.883	ng/u1	98
59) Diethylphthalate	15.527	149	735688	20.446	ng/u1	100
61) Fluorene	15.762	166	773187	21.673	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.757	204	373536	21.963	ng/u1	97
63) 4-Nitroaniline	15.780	138	169371	19.690	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.833	198	112693	18.690	ng/u1	100
67) N-Nitrosodiphenylamine	15.968	169	648958	20.281	ng/u1	98
68) 4-Bromophenyl-phenylether	16.645	248	225048	19.751	ng/u1	93
69) Hexachlorobenzene	16.762	284	279598	21.013	ng/u1	99
70) Atrazine	16.909	200	215994	19.601	ng/u1	95
71) Pentachlorophenol	17.104	266	156919	19.174	ng/u1	97
72) Phenanthrene	17.504	178	1249566	20.764	ng/u1	99
74) Anthracene	17.592	178	1291365	21.035	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.527	216	296545	19.808	ng/uL	98
76) Pentachlorobenzene	15.039	250	333609	20.482	ng/uL	98
77) Carbazole	17.862	167	1191470	21.090	ng/u1	100
78) Di-n-butylphthalate	18.415	149	1378604	19.409	ng/u1	99
80) Fluoranthene	19.503	202	1523685	19.497	ng/u1	98
82) Pyrene	19.868	202	1620982	20.089	ng/u1	99
83) Butylbenzylphthalate	20.750	149	633578	18.009	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.539	252	546458	21.119	ng/u1	100
85) Benzo(a)anthracene	21.609	228	1637251	20.718	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	983850	18.507	ng/u1	99
87) Chrysene	21.668	228	1541961	20.961	ng/u1	100
89) Di-n-octyl phthalate	22.474	149	1758967	19.157	ng/u1	100
90) Benzo(b)fluoranthene	23.350	252	1721241	21.007	ng/u1	98
91) Benzo(k)fluoranthene	23.397	252	1640362	20.753	ng/u1	98
93) Benzo(a)pyrene	23.997	252	1483403	20.878	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.709	276	1698323	21.261	ng/u1	98
95) Dibenzo(a,h)anthracene	26.721	278	1549851	21.317	ng/u1	99
96) Benzo(g,h,i)perylene	27.509	276	1495021	21.446	ng/u1	98

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

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