

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120522\
 Data File : BM037849.D
 Acq On : 05 Dec 2022 18:07
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020063

Quant Time: Dec 05 23:27:18 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	277441	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	1313147	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	841259	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.462	188	1739706	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1277721	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	1089420	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	48108	8.135	ng/uL	0.00
4) Pyridine-d5	3.863	84	404098	21.129	ng/u1	0.00
7) Phenol-d5	7.245	99	509565	20.386	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	291128	19.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	406789	21.525	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	413933	20.824	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	216178	20.724	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	233627	21.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	424425	21.202	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	607854	19.797	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	1192908	20.650	ng/u1	0.00
49) Acenaphthylene-d8	14.421	160	1455775	20.721	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	233323	19.459	ng/u1	0.00
60) Fluorene-d10	15.710	176	1078566	20.580	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	182938	19.962	ng/u1	0.00
73) Anthracene-d10	17.562	188	1651129	20.638	ng/u1	0.00
81) Pyrene-d10	19.845	212	1714838	25.910	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.950	264	1134790	20.793	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	51531	8.131	ng/uL#	75
5) Pyridine	3.887	79	399964	21.328	ng/u1	95
6) Benzaldehyde	7.228	77	258734	21.493	ng/u1	96
8) Phenol	7.275	94	523386	20.489	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.510	93	413347	20.284	ng/u1	96
12) 2-Chlorophenol	7.651	128	441653	21.712	ng/u1	95
13) 2-Methylphenol	8.539	108	415386	20.390	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	725217	19.152	ng/u1	98
16) Acetophenone	8.928	105	640184	20.417	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.910	70	317390	20.096	ng/u1	99
18) 4-Methylphenol	8.869	108	451485	20.541	ng/u1	99
19) Hexachloroethane	9.181	117	169387	21.801	ng/u1	97
22) Nitrobenzene	9.310	77	453974	20.767	ng/u1	100
23) Isophorone	9.839	82	918976	19.539	ng/u1	100
25) 2-Nitrophenol	10.022	139	254287	21.739	ng/u1	98
26) 2,4-Dimethylphenol	10.080	107	475460	21.146	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.316	93	571770	20.132	ng/u1	97
29) 2,4-Dichlorophenol	10.557	162	436820	21.574	ng/u1	99
30) Naphthalene	10.969	128	1478942	20.752	ng/u1	100
32) 4-Chloroaniline	11.075	127	618139	19.894	ng/u1	99
33) Hexachlorobutadiene	11.245	225	263101	20.977	ng/u1	98
34) Caprolactam	11.869	113	135285	18.400	ng/u1#	78
35) 4-Chloro-3-methylphenol	12.186	107	444344	21.029	ng/u1	98
36) 2-Methylnaphthalene	12.563	142	998279	20.247	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	1012294	20.513	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.927	216	521779	21.657	ng/u1	97
40) Hexachlorocyclopentadiene	12.904	237	244818	18.478	ng/u1	98
41) 2,4,6-Trichlorophenol	13.163	196	348442	22.153	ng/u1	98
42) 2,4,5-Trichlorophenol	13.233	196	371284	22.164	ng/u1	99
43) 1,1'-Biphenyl	13.563	154	1295798	21.191	ng/u1	99
44) 2-Chloronaphthalene	13.604	162	1021569	21.289	ng/u1	99
45) 2-Nitroaniline	13.810	65	284335	20.941	ng/u1	96
47) Dimethylphthalate	14.174	163	1239104	20.594	ng/u1	99
48) 2,6-Dinitrotoluene	14.298	165	254418	20.710	ng/u1	100
50) Acenaphthylene	14.445	152	1627624	20.895	ng/u1	100
51) 3-Nitroaniline	14.627	138	289385	19.736	ng/u1	100
52) Acenaphthene	14.786	153	1119802	20.747	ng/u1	99
53) 2,4-Dinitrophenol	14.833	184	131280	18.297	ng/u1	95
55) 4-Nitrophenol	14.933	109	145719	19.716	ng/u1	92
56) Dibenzofuran	15.121	168	1523338	20.962	ng/u1	100
57) 2,4-Dinitrotoluene	15.080	165	365524	21.305	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.345	232	324336	22.012	ng/u1	98
59) Diethylphthalate	15.533	149	1252112	20.292	ng/u1	99
61) Fluorene	15.768	166	1263652	20.655	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.757	204	605434	20.758	ng/u1	98
63) 4-Nitroaniline	15.786	138	285390	19.347	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.839	198	192933	20.422	ng/u1	100
67) N-Nitrosodiphenylamine	15.968	169	1066510	21.273	ng/u1	99
68) 4-Bromophenyl-phenylether	16.645	248	372949	20.890	ng/u1	97
69) Hexachlorobenzene	16.768	284	444940	21.342	ng/u1	100
70) Atrazine	16.915	200	352763	20.432	ng/u1	99
71) Pentachlorophenol	17.109	266	274881	21.438	ng/u1	100
72) Phenanthrene	17.504	178	1952693	20.710	ng/u1	100
74) Anthracene	17.598	178	1996198	20.754	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.527	216	520289	22.181	ng/u1	98
76) Pentachlorobenzene	15.039	250	562775	22.053	ng/u1	100
77) Carbazole	17.868	167	1801925	20.357	ng/u1	99
78) Di-n-butylphthalate	18.415	149	2230072	20.039	ng/u1	100
80) Fluoranthene	19.509	202	2130024	26.348	ng/u1	98
82) Pyrene	19.868	202	2175315	26.061	ng/u1	100
83) Butylbenzylphthalate	20.750	149	908928	24.975	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.539	252	483132	18.049	ng/u1	98
85) Benzo(a)anthracene	21.615	228	1723464	21.082	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.521	149	1301941	23.675	ng/u1	99
87) Chrysene	21.668	228	1606887	21.116	ng/u1	100
89) Di-n-octyl phthalate	22.468	149	2036587	25.977	ng/u1	100
90) Benzo(b)fluoranthene	23.350	252	1498149	21.414	ng/u1	100
91) Benzo(k)fluoranthene	23.403	252	1404869	20.815	ng/u1	98
93) Benzo(a)pyrene	24.003	252	1248066	20.571	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	1475400	21.631	ng/u1	98
95) Dibenzo(a,h)anthracene	26.738	278	1338800	21.566	ng/u1	99
96) Benzo(g,h,i)perylene	27.521	276	1314917	22.090	ng/u1	97

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

