

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035977.D
 Acq On : 28 Jul 2022 08:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020135

Quant Time: Jul 28 08:53:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	381751	20.000	ng/u1	0.00
20) Naphthalene-d8	10.686	136	1551775	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	852758	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	1609913	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1492635	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1554919	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	79575	7.844	ng/uL	0.00
4) Pyridine-d5	3.693	84	512522	18.441	ng/u1	0.00
7) Phenol-d5	7.045	99	596929	18.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	399065	18.699	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	546853	20.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	482874	18.619	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	259102	21.071	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	266007	22.204	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	452632	20.890	ng/u1	0.00
31) 4-Chloroaniline-d4	10.827	131	682627	18.610	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1196239	20.594	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1546053	20.860	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	217052	18.196	ng/u1	0.00
60) Fluorene-d10	15.510	176	1049358	19.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	153000	17.680	ng/u1	0.00
73) Anthracene-d10	17.356	188	1515832	20.826	ng/u1	0.00
81) Pyrene-d10	19.645	212	1671014	20.200	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	1601392	20.286	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	82159	7.815	ng/uL	93
5) Pyridine	3.716	79	539425	18.495	ng/u1	87
6) Benzaldehyde	7.022	77	250419	18.638	ng/u1	96
8) Phenol	7.075	94	656252	18.732	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	533000	18.924	ng/u1	96
12) 2-Chlorophenol	7.439	128	553265	20.296	ng/u1	98
13) 2-Methylphenol	8.328	108	496295	18.963	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.416	45	692577	18.629	ng/u1	97
16) Acetophenone	8.710	105	760244	18.258	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.698	70	381780	18.386	ng/u1	94
18) 4-Methylphenol	8.657	108	516700	18.403	ng/u1	100
19) Hexachloroethane	8.957	117	231083	20.546	ng/u1	93
22) Nitrobenzene	9.092	77	564508	20.062	ng/u1	97
23) Isophorone	9.616	82	1030643	19.403	ng/u1	99
25) 2-Nitrophenol	9.798	139	285619	21.490	ng/u1	98
26) 2,4-Dimethylphenol	9.863	107	542514	19.976	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.104	93	665199	19.856	ng/u1	99
29) 2,4-Dichlorophenol	10.333	162	467687	20.796	ng/u1	99
30) Naphthalene	10.739	128	1671541	20.408	ng/u1	99
32) 4-Chloroaniline	10.851	127	680522	18.677	ng/u1	98
33) Hexachlorobutadiene	11.016	225	309210	22.272	ng/u1	98
34) Caprolactam	11.627	113	133425	17.952	ng/u1	84
35) 4-Chloro-3-methylphenol	11.974	107	459164	19.635	ng/u1	99
36) 2-Methylnaphthalene	12.345	142	1057856	19.741	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1058548	19.597	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	528392	21.768	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	303356	18.764	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	342417	22.043	ng/ul	98
42) 2,4,5-Trichlorophenol	13.027	196	360203	21.731	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1363021	20.766	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	1051734	20.879	ng/ul	99
45) 2-Nitroaniline	13.604	65	275703	19.853	ng/ul	96
47) Dimethylphthalate	13.980	163	1195300	20.457	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	243909	21.026	ng/ul	99
50) Acenaphthylene	14.239	152	1677963	20.466	ng/ul	100
51) 3-Nitroaniline	14.427	138	195404	15.242	ng/ul	99
52) Acenaphthene	14.580	153	1076255	20.235	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	104219	15.823	ng/ul	95
55) 4-Nitrophenol	14.733	109	161707	17.725	ng/ul	86
56) Dibenzofuran	14.915	168	1496923	20.340	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	331488	20.272	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.139	232	275428	21.149	ng/ul	95
59) Diethylphthalate	15.339	149	1212650	20.518	ng/ul	99
61) Fluorene	15.562	166	1178826	19.608	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	581762	20.197	ng/ul	98
63) 4-Nitroaniline	15.586	138	172036	14.576	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.645	198	156660	18.091	ng/ul#	97
67) N-Nitrosodiphenylamine	15.774	169	970910	20.514	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	342552	21.704	ng/ul	98
69) Hexachlorobenzene	16.562	284	403503	20.983	ng/ul	98
70) Atrazine	16.727	200	336376	20.491	ng/ul	99
71) Pentachlorophenol	16.904	266	232616	19.800	ng/ul	99
72) Phenanthrene	17.298	178	1741346	20.181	ng/ul	99
74) Anthracene	17.392	178	1783988	20.604	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.321	216	541309	21.622	ng/ul	98
76) Pentachlorobenzene	14.833	250	490023	21.592	ng/ul	99
77) Carbazole	17.662	167	1604486	20.064	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2040648	22.617	ng/ul	99
80) Fluoranthene	19.315	202	1985951	20.093	ng/ul	96
82) Pyrene	19.674	202	2024738	19.875	ng/ul	97
83) Butylbenzylphthalate	20.574	149	864143	23.322	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.356	252	554876	20.145	ng/ul	97
85) Benzo(a)anthracene	21.421	228	1948962	20.745	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.350	149	1302765	24.334	ng/ul	99
87) Chrysene	21.474	228	1883653	20.549	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2114980	21.063	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2071328	19.960	ng/ul#	97
91) Benzo(k)fluoranthene	23.133	252	1880309	19.095	ng/ul	97
93) Benzo(a)pyrene	23.703	252	1992542	20.159	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	2387402	22.660	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.297	278	2044147	22.615	ng/ul#	95
96) Benzo(g,h,i)perylene	27.032	276	2016768	23.100	ng/ul	95

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

