

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030122\
 Data File : BM034100.D
 Acq On : 01 Mar 2022 10:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020094

Quant Time: Mar 01 11:24:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	139092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.813	136	513566	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	345293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	740663	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.547	240	813891	20.000	ng/ul	# 0.00
88) Perylene-d12	23.994	264	875971	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	24552	8.139	ng/uL	0.00
4) Pyridine-d5	3.790	84	153430	19.355	ng/ul	0.00
7) Phenol-d5	7.142	99	181199	18.240	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	103512	18.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.525	132	167393	19.546	ng/ul	0.00
15) 4-Methylphenol-d8	8.701	113	150897	17.846	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	77711	20.033	ng/ul	0.00
24) 2-Nitrophenol-d4	9.883	143	84599	19.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	177415	19.882	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	209199	18.590	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	517851	19.822	ng/ul	0.00
49) Acenaphthylene-d8	14.324	160	633372	19.906	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	83076	18.565	ng/ul	0.00
60) Fluorene-d10	15.624	176	444772	19.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	85605	17.703	ng/ul	0.00
73) Anthracene-d10	17.471	188	705678	19.703	ng/ul	0.00
81) Pyrene-d10	19.759	212	817449	18.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.835	264	881456	19.745	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	24351	8.224	ng/uL#	77
5) Pyridine	3.813	79	160242	19.808	ng/ul#	77
6) Benzaldehyde	7.125	77	124401	22.052	ng/ul#	81
8) Phenol	7.172	94	179195	18.477	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.407	93	144354	18.896	ng/ul#	86
12) 2-Chlorophenol	7.554	128	167964	19.762	ng/ul#	80
13) 2-Methylphenol	8.436	108	136743	17.941	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.531	45	156984	18.832	ng/ul#	88
16) Acetophenone	8.819	105	236992	18.023	ng/ul#	84
17) N-Nitroso-di-n-propyla...	8.807	70	109621	18.277	ng/ul#	87
18) 4-Methylphenol	8.760	108	148301	17.941	ng/ul	92
19) Hexachloroethane	9.089	117	70206	19.725	ng/ul#	67
22) Nitrobenzene	9.201	77	167307	20.106	ng/ul#	85
23) Isophorone	9.730	82	293580	19.137	ng/ul#	89
25) 2-Nitrophenol	9.919	139	89321	19.620	ng/ul#	74
26) 2,4-Dimethylphenol	9.978	107	179863	19.727	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.213	93	181477	19.510	ng/ul#	96
29) 2,4-Dichlorophenol	10.454	162	167375	19.530	ng/ul	92
30) Naphthalene	10.860	128	508060	19.740	ng/ul	99
32) 4-Chloroaniline	10.960	127	208244	18.719	ng/ul	98
33) Hexachlorobutadiene	11.160	225	132105	20.069	ng/ul	97
34) Caprolactam	11.719	113	39572	17.002	ng/ul#	54
35) 4-Chloro-3-methylphenol	12.083	107	152938	19.058	ng/ul#	74
36) 2-Methylnaphthalene	12.466	142	363378	19.342	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.689	142	366634	19.252	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.836	216	232910	20.303	ng/ul#	95
40) Hexachlorocyclopentadiene	12.824	237	155272	19.848	ng/ul	99
41) 2,4,6-Trichlorophenol	13.071	196	139956	19.973	ng/ul	95
42) 2,4,5-Trichlorophenol	13.136	196	153709	19.944	ng/ul	95
43) 1,1'-Biphenyl	13.471	154	511799	20.108	ng/ul#	97
44) 2-Chloronaphthalene	13.513	162	398488	20.151	ng/ul	94
45) 2-Nitroaniline	13.707	65	86198	19.363	ng/ul#	61
47) Dimethylphthalate	14.083	163	499781	19.761	ng/ul	100
48) 2,6-Dinitrotoluene	14.201	165	96203	19.437	ng/ul#	83
50) Acenaphthylene	14.354	152	625388	20.013	ng/ul	99
51) 3-Nitroaniline	14.524	138	91252	18.955	ng/ul#	77
52) Acenaphthene	14.695	153	410570	19.798	ng/ul	97
53) 2,4-Dinitrophenol	14.724	184	56401	17.177	ng/ul#	78
55) 4-Nitrophenol	14.818	109	78742	19.331	ng/ul#	80
56) Dibenzofuran	15.030	168	608654	19.985	ng/ul	93
57) 2,4-Dinitrotoluene	14.983	165	140469	19.531	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	15.254	232	131329	19.693	ng/ul#	85
59) Diethylphthalate	15.448	149	495365	19.619	ng/ul	98
61) Fluorene	15.677	166	499266	19.656	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.671	204	270150	19.886	ng/ul	91
63) 4-Nitroaniline	15.683	138	97601	19.815	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.742	198	85583	18.110	ng/ul#	86
67) N-Nitrosodiphenylamine	15.883	169	426793	19.845	ng/ul	98
68) 4-Bromophenyl-phenylether	16.565	248	158499	19.614	ng/ul#	90
69) Hexachlorobenzene	16.683	284	194656	19.862	ng/ul#	90
70) Atrazine	16.830	200	167247	18.949	ng/ul	95
71) Pentachlorophenol	17.018	266	116591	18.269	ng/ul	95
72) Phenanthrene	17.412	178	792657	19.730	ng/ul	98
74) Anthracene	17.506	178	812240	19.965	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.442	216	235081	20.107	ng/ul	96
76) Pentachlorobenzene	14.954	250	232210	20.079	ng/ul	98
77) Carbazole	17.771	167	687596	19.392	ng/ul	99
78) Di-n-butylphthalate	18.342	149	815331	19.724	ng/ul	98
80) Fluoranthene	19.424	202	943659	18.615	ng/ul#	91
82) Pyrene	19.789	202	985023	18.810	ng/ul#	88
83) Butylbenzylphthalate	20.683	149	345871	18.731	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.459	252	356342	20.653	ng/ul#	97
85) Benzo(a)anthracene	21.530	228	998044	20.060	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.465	149	553825	19.454	ng/ul#	98
87) Chrysene	21.583	228	966644	19.787	ng/ul	98
89) Di-n-octyl phthalate	22.406	149	923398	17.129	ng/ul	100
90) Benzo(b)fluoranthene	23.247	252	1058663	19.058	ng/ul#	97
91) Benzo(k)fluoranthene	23.294	252	1020167	19.509	ng/ul#	98
93) Benzo(a)pyrene	23.888	252	1047236	19.691	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.553	276	1261133	21.308	ng/ul	96
95) Dibenzo(a,h)anthracene	26.571	278	1088603	21.247	ng/ul	96
96) Benzo(g,h,i)perylene	27.335	276	1076793	21.541	ng/ul#	94

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

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