

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
 Data File : BM034184.D
 Acq On : 09 Mar 2022 13:56
 Operator : CG/JU
 Sample : N1775-14MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBRU6MSD

Quant Time: Mar 09 23:57:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 13:09:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
 Supervised By :Yogesh Patel 03/11/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	160040	20.000	ng/u1	0.00
20) Naphthalene-d8	10.807	136	658133	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.624	164	444220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.365	188	893011	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.536	240	784937	20.000	ng/u1	0.00
88) Perylene-d12	23.983	264	777286	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	17911	5.147	ng/uL	0.00
4) Pyridine-d5	3.790	84	234348	23.136	ng/u1	0.00
7) Phenol-d5	7.143	99	407987	32.535	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	220937	32.734	ng/u1	0.00
11) 2-Chlorophenol-d4	7.519	132	350319	33.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	358924	34.159	ng/u1	0.00
21) Nitrobenzene-d5	9.148	128	179623	35.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.878	143	198119	35.772	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	406502	35.591	ng/u1	0.00
31) 4-Chloroaniline-d4	10.931	131	429672	27.534	ng/u1	0.00
46) Dimethylphthalate-d6	14.030	166	1171187	34.744	ng/u1	0.00
49) Acenaphthylene-d8	14.319	160	1485141	35.233	ng/u1	0.00
54) 4-Nitrophenol-d4	14.807	143	187868	29.952	ng/u1	0.00
60) Fluorene-d10	15.613	176	1022459	34.081	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	184376	31.994	ng/u1	0.00
73) Anthracene-d10	17.465	188	1549922	35.234	ng/u1	0.00
81) Pyrene-d10	19.754	212	1668255	38.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.824	264	1497901	36.328	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	43832	11.636	ng/uL#	76
5) Pyridine	3.808	79	345429	33.730	ng/u1#	66
6) Benzaldehyde	7.119	77	294398	45.744	ng/u1#	74
8) Phenol	7.166	94	506875	39.961	ng/u1#	80
10) Bis(2-Chloroethyl)ether	7.401	93	385301	39.143	ng/u1#	83
12) 2-Chlorophenol	7.548	128	429175	39.970	ng/u1#	79
13) 2-Methylphenol	8.431	108	397281	40.169	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.525	45	350086	40.069	ng/u1#	80
16) Acetophenone	8.813	105	651403	39.349	ng/u1#	81
17) N-Nitroso-di-n-propyla...	8.807	70	316615	41.867	ng/u1#	78
18) 4-Methylphenol	8.760	108	429399	39.751	ng/u1	96
19) Hexachloroethane	9.084	117	169161	38.310	ng/u1#	65
22) Nitrobenzene	9.195	77	461194	39.994	ng/u1#	84
23) Isophorone	9.725	82	882663	42.454	ng/u1#	91
25) 2-Nitrophenol	9.913	139	261467	43.325	ng/u1#	69
26) 2,4-Dimethylphenol	9.972	107	506922	41.528	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.207	93	534250	40.988	ng/u1#	97
29) 2,4-Dichlorophenol	10.448	162	471782	41.794	ng/u1	93
30) Naphthalene	10.854	128	1400932	39.758	ng/u1	99
32) 4-Chloroaniline	10.954	127	516284	32.490	ng/u1	98
33) Hexachlorobutadiene	11.148	225	340935	39.659	ng/u1	96
34) Caprolactam	11.725	113	137697m	40.539	ng/u1	
35) 4-Chloro-3-methylphenol	12.078	107	461409	41.833	ng/u1#	74
36) 2-Methylnaphthalene	12.460	142	1017030	40.242	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.678	142	1041996	40.241	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.830	216	638224	41.130	ng/ul#	95
40) Hexachlorocyclopentadiene	12.813	237	420966	40.183	ng/ul	98
41) 2,4,6-Trichlorophenol	13.066	196	412019	43.498	ng/ul	98
42) 2,4,5-Trichlorophenol	13.130	196	445517	42.647	ng/ul	92
43) 1,1'-Biphenyl	13.466	154	1423188	41.149	ng/ul#	96
44) 2-Chloronaphthalene	13.507	162	1109762	40.824	ng/ul	95
45) 2-Nitroaniline	13.701	65	268821	42.974	ng/ul#	62
47) Dimethylphthalate	14.083	163	1385285	40.631	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	292331	43.137	ng/ul#	83
50) Acenaphthylene	14.348	152	1734157	40.803	ng/ul	99
51) 3-Nitroaniline	14.519	138	248125	40.031	ng/ul#	76
52) Acenaphthene	14.689	153	1141261	40.556	ng/ul	97
53) 2,4-Dinitrophenol	14.724	184	166704	38.878	ng/ul#	68
55) 4-Nitrophenol	14.819	109	206546	37.970	ng/ul#	75
56) Dibenzofuran	15.024	168	1644088	39.667	ng/ul	91
57) 2,4-Dinitrotoluene	14.977	165	412092	41.585	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	15.248	232	375430	41.461	ng/ul#	85
59) Diethylphthalate	15.442	149	1361537	40.682	ng/ul	99
61) Fluorene	15.671	166	1351980	39.655	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.666	204	735085	40.045	ng/ul#	87
63) 4-Nitroaniline	15.677	138	279198	48.694	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.742	198	241691	41.532	ng/ul#	81
67) N-Nitrosodiphenylamine	15.871	169	1150301	43.199	ng/ul	99
68) 4-Bromophenyl-phenylether	16.560	248	444539	45.532	ng/ul#	86
69) Hexachlorobenzene	16.677	284	540782	42.574	ng/ul#	86
70) Atrazine	16.824	200	439464	40.764	ng/ul	96
71) Pentachlorophenol	17.013	266	324241	40.223	ng/ul	94
72) Phenanthrene	17.407	178	2069253	40.957	ng/ul	99
74) Anthracene	17.501	178	2086088	40.861	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.430	216	657748	42.984	ng/ul	97
76) Pentachlorobenzene	14.948	250	656091	45.789	ng/ul	97
77) Carbazole	17.765	167	1777640	39.048	ng/ul	99
78) Di-n-butylphthalate	18.336	149	2112017	42.561	ng/ul	98
80) Fluoranthene	19.418	202	2340533	46.214	ng/ul#	93
82) Pyrene	19.783	202	2338675	44.641	ng/ul#	91
83) Butylbenzylphthalate	20.671	149	822202	45.863	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.448	252	594586	38.946	ng/ul	98
85) Benzo(a)anthracene	21.524	228	2134934	41.257	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.453	149	1175410	44.792	ng/ul#	98
87) Chrysene	21.577	228	2086415	41.276	ng/ul	98
89) Di-n-octyl phthalate	22.389	149	1878325	38.894	ng/ul	100
90) Benzo(b)fluoranthene	23.236	252	2153891	40.033	ng/ul#	98
91) Benzo(k)fluoranthene	23.289	252	2070992	40.960	ng/ul#	98
93) Benzo(a)pyrene	23.877	252	2113142	41.829	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.535	276	2458374	46.614	ng/ul	96
95) Dibenzo(a,h)anthracene	26.553	278	2123971	46.677	ng/ul	97
96) Benzo(g,h,i)perylene	27.324	276	2092102	47.470	ng/ul	96

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

