

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011524\
 Data File : BM043841.D
 Acq On : 15 Jan 2024 15:35
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020191

Quant Time: Jan 16 01:18:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	302144	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.751	136	1407295	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	901996	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1893324	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1780672	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1843750	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	55587	7.103	ng/uL	0.00
4) Pyridine-d5	3.775	84	399510	16.573	ng/u1	0.00
7) Phenol-d5	7.110	99	520902	17.036	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	343006	18.001	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.469	132	395654	17.788	ng/u1	-0.01
15) 4-Methylphenol-d8	8.663	113	417103	17.125	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	204094	17.305	ng/u1	0.00
24) 2-Nitrophenol-d4	9.839	143	224212	16.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	412987	17.365	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.904	131	623543	16.554	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1268834	16.794	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1502269	17.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	231619	15.674	ng/u1	-0.01
60) Fluorene-d10	15.586	176	1105144	17.381	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	196389	14.691	ng/u1	0.00
73) Anthracene-d10	17.439	188	1696630	17.609	ng/u1	0.00
81) Pyrene-d10	19.733	212	1867835	16.983	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1734918	17.046	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	57558	7.010	ng/uL	96
5) Pyridine	3.793	79	424358	17.157	ng/u1	94
6) Benzaldehyde	7.093	77	289313m	23.973	ng/u1	
8) Phenol	7.140	94	525975	17.126	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	434955	17.566	ng/u1	96
12) 2-Chlorophenol	7.504	128	414571	17.956	ng/u1	98
13) 2-Methylphenol	8.392	108	400392	16.925	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	777450	18.623	ng/u1	100
16) Acetophenone	8.781	105	676708	17.918	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.763	70	387916	18.583	ng/u1	97
18) 4-Methylphenol	8.728	108	444108	17.280	ng/u1	99
19) Hexachloroethane	9.010	117	181787	18.169	ng/u1	96
22) Nitrobenzene	9.163	77	529864	18.018	ng/u1	99
23) Isophorone	9.692	82	1051271	17.428	ng/u1	99
25) 2-Nitrophenol	9.875	139	245870	17.516	ng/u1	95
26) 2,4-Dimethylphenol	9.934	107	477887	17.551	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.175	93	632223	17.671	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	404960	17.174	ng/u1	98
30) Naphthalene	10.804	128	1451193	17.723	ng/u1	100
32) 4-Chloroaniline	10.928	127	612422	16.730	ng/u1	99
33) Hexachlorobutadiene	11.069	225	224998	17.053	ng/u1	99
34) Caprolactam	11.733	113	138502	16.314	ng/u1	95
35) 4-Chloro-3-methylphenol	12.051	107	460527	17.627	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	1011247	17.716	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1003949	17.640	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	459490	17.129	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	260309	14.509	ng/ul	96
41) 2,4,6-Trichlorophenol	13.027	196	323556	16.988	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	345839	17.100	ng/ul	100
43) 1,1'-Biphenyl	13.427	154	1342761	17.434	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	1045207	17.612	ng/ul	99
45) 2-Nitroaniline	13.692	65	338299	18.061	ng/ul	95
47) Dimethylphthalate	14.057	163	1295198	17.054	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	251411	16.703	ng/ul	93
50) Acenaphthylene	14.316	152	1774094	17.652	ng/ul	100
51) 3-Nitroaniline	14.522	138	254404	15.984	ng/ul	97
52) Acenaphthene	14.651	153	1178917	17.689	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	126463	13.521	ng/ul	95
55) 4-Nitrophenol	14.833	109	188253	16.697	ng/ul	93
56) Dibenzofuran	14.992	168	1578867	17.633	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	383565	17.299	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.216	232	280457	16.644	ng/ul	98
59) Diethylphthalate	15.416	149	1344491	16.606	ng/ul	99
61) Fluorene	15.639	166	1374571	17.908	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	627429	17.461	ng/ul	99
63) 4-Nitroaniline	15.686	138	217164	16.983	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.739	198	218285	15.170	ng/ul	94
67) N-Nitrosodiphenylamine	15.857	169	1085802	17.426	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	354977	16.758	ng/ul	98
69) Hexachlorobenzene	16.633	284	418959	16.765	ng/ul	95
70) Atrazine	16.815	200	346567	15.378	ng/ul	98
71) Pentachlorophenol	16.992	266	226784	14.434	ng/ul	98
72) Phenanthrene	17.386	178	2053636	17.662	ng/ul	99
74) Anthracene	17.474	178	2102368	17.768	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	456403	17.195	ng/ul	100
76) Pentachlorobenzene	14.904	250	460847	17.016	ng/ul	99
77) Carbazole	17.757	167	1861724	16.973	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2381815	15.991	ng/ul	99
80) Fluoranthene	19.404	202	2299865	17.090	ng/ul	99
82) Pyrene	19.762	202	2444983	17.532	ng/ul	99
83) Butylbenzylphthalate	20.668	149	1059359	16.064	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.456	252	729678	17.021	ng/ul	100
85) Benzo(a)anthracene	21.515	228	2394099	17.608	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1668505	15.887	ng/ul	99
87) Chrysene	21.568	228	2138385	17.423	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	2640840	15.386	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2153596	16.665	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	2255441	17.719	ng/ul	99
93) Benzo(a)pyrene	23.850	252	2066260	17.467	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.480	276	2484400	18.403	ng/ul	98
95) Dibenzo(a,h)anthracene	26.503	278	2048953	18.317	ng/ul	99
96) Benzo(g,h,i)perylene	27.256	276	1890124	18.437	ng/ul	99

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

