

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
 Data File : BM044624.D
 Acq On : 15 Mar 2024 09:42
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020073

Quant Time: Mar 15 11:14:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	177404	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	721003	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	431575	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	869570	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	809467	20.000	ng/u1	0.00
88) Perylene-d12	23.544	264	944526	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	41735	7.979	ng/uL	0.00
4) Pyridine-d5	3.658	84	273571	17.770	ng/u1	0.00
7) Phenol-d5	6.869	99	328152	17.992	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	213513	18.952	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	255147	19.036	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	248182	17.326	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	125273	20.634	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	130907	20.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	231864	20.815	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	356866	19.290	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	669072	19.763	ng/u1	0.00
49) Acenaphthylene-d8	14.033	160	758198	19.583	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	127071	18.099	ng/u1	0.00
60) Fluorene-d10	15.345	176	562591	19.775	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	108331	19.192	ng/u1	0.00
73) Anthracene-d10	17.198	188	864422	20.797	ng/u1	0.00
81) Pyrene-d10	19.498	212	972412	19.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.397	264	1003347	20.210	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	43906	8.108	ng/uL	93
5) Pyridine	3.675	79	282679	17.703	ng/u1	98
6) Benzaldehyde	6.857	77	184774	23.259	ng/u1	95
8) Phenol	6.898	94	336476	18.076	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.140	93	280911	18.378	ng/u1	98
12) 2-Chlorophenol	7.263	128	264578	19.138	ng/u1	97
13) 2-Methylphenol	8.140	108	249591	17.669	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	399581	19.795	ng/u1	97
16) Acetophenone	8.522	105	399898	18.001	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.510	70	207467	18.076	ng/u1	96
18) 4-Methylphenol	8.469	108	268089	17.435	ng/u1	93
19) Hexachloroethane	8.757	117	111742	19.732	ng/u1	97
22) Nitrobenzene	8.904	77	304285	21.134	ng/u1	96
23) Isophorone	9.422	82	572865	19.502	ng/u1	98
25) 2-Nitrophenol	9.604	139	143260	20.077	ng/u1	99
26) 2,4-Dimethylphenol	9.663	107	263636	20.306	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.910	93	368773	19.962	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	231109	20.782	ng/u1	99
30) Naphthalene	10.528	128	843329	20.652	ng/u1	100
32) 4-Chloroaniline	10.651	127	345132	19.351	ng/u1	96
33) Hexachlorobutadiene	10.798	225	137666	22.087	ng/u1	95
34) Caprolactam	11.433	113	70434	16.264	ng/u1	96
35) 4-Chloro-3-methylphenol	11.775	107	250045	19.389	ng/u1	98
36) 2-Methylnaphthalene	12.145	142	546061	20.109	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	536669	20.034	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	258452	21.050	ng/ul	98
40) Hexachlorocyclopentadiene	12.486	237	165154	20.263	ng/ul	100
41) 2,4,6-Trichlorophenol	12.763	196	168359	19.560	ng/ul	98
42) 2,4,5-Trichlorophenol	12.839	196	180694	19.589	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	695330	20.289	ng/ul	100
44) 2-Chloronaphthalene	13.210	162	539959	20.078	ng/ul	98
45) 2-Nitroaniline	13.433	65	161571	19.137	ng/ul	99
47) Dimethylphthalate	13.816	163	673671	19.555	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	130167	18.917	ng/ul	98
50) Acenaphthylene	14.063	152	905267	20.061	ng/ul	100
51) 3-Nitroaniline	14.269	138	135370	18.213	ng/ul	95
52) Acenaphthene	14.410	153	595872	20.086	ng/ul	99
53) 2,4-Dinitrophenol	14.474	184	69506	15.791	ng/ul	93
55) 4-Nitrophenol	14.569	109	94913	19.295	ng/ul	92
56) Dibenzofuran	14.745	168	805880	20.422	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	190607	19.190	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.974	232	152680	20.001	ng/ul#	96
59) Diethylphthalate	15.186	149	698984	19.551	ng/ul	99
61) Fluorene	15.398	166	663736	20.566	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.398	204	317883	21.222	ng/ul	99
63) 4-Nitroaniline	15.433	138	140327m	19.754	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	119883	19.875	ng/ul	97
67) N-Nitrosodiphenylamine	15.616	169	545029	20.811	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	188627	21.687	ng/ul	97
69) Hexachlorobenzene	16.392	284	218991	22.105	ng/ul	96
70) Atrazine	16.580	200	184629	21.573	ng/ul	98
71) Pentachlorophenol	16.745	266	133415	20.395	ng/ul	98
72) Phenanthrene	17.139	178	1029111	20.862	ng/ul	100
74) Anthracene	17.233	178	1053075	21.109	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.127	216	249639	21.494	ng/uL	99
76) Pentachlorobenzene	14.657	250	248683	22.147	ng/uL	99
77) Carbazole	17.510	167	972898	20.753	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1255156	19.905	ng/ul	100
80) Fluoranthene	19.162	202	1170385	19.795	ng/ul	98
82) Pyrene	19.527	202	1230320	19.987	ng/ul	99
83) Butylbenzylphthalate	20.451	149	545795	18.032	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.221	252	389594	22.250	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1226385	20.175	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	882070	19.988	ng/ul	98
87) Chrysene	21.333	228	1127885	20.041	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1503019	17.781	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1241618	19.646	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	1202978	19.434	ng/ul	98
93) Benzo(a)pyrene	23.444	252	1168845	19.770	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	1470350	22.173	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	1248677	22.584	ng/ul	99
96) Benzo(g,h,i)perylene	26.503	276	1175357	22.211	ng/ul	99

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

