

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
 Data File : BM044652.D
 Acq On : 16 Mar 2024 03:18
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020075

Quant Time: Mar 16 04:04:10 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 03/18/2024
 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	212391	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	869108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	517792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1039255	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	954246	20.000	ng/u1	0.00
88) Perylene-d12	23.538	264	1087787	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	45137	7.208	ng/uL	0.00
4) Pyridine-d5	3.652	84	316279	17.160	ng/u1	0.00
7) Phenol-d5	6.869	99	395182	18.098	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	259975	19.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	306345	19.091	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	302401	17.634	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	150008	20.497	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	160238	20.310	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	280903	20.920	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	433956	19.459	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	806178	19.848	ng/u1	0.00
49) Acenaphthylene-d8	14.033	160	927928	19.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	156313	18.557	ng/u1	0.00
60) Fluorene-d10	15.339	176	684849	20.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	129634	19.216	ng/u1	0.00
73) Anthracene-d10	17.198	188	1033056	20.796	ng/u1	0.00
81) Pyrene-d10	19.492	212	1146332	19.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.397	264	1144399	20.016	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	49789	7.680	ng/uL	95
5) Pyridine	3.669	79	344346	18.013	ng/u1	94
6) Benzaldehyde	6.857	77	220433	23.176	ng/u1	95
8) Phenol	6.892	94	407130	18.269	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.140	93	337035	18.418	ng/u1	97
12) 2-Chlorophenol	7.263	128	317839	19.203	ng/u1	100
13) 2-Methylphenol	8.134	108	296142	17.511	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	487593	20.176	ng/u1	97
16) Acetophenone	8.522	105	488412	18.363	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.510	70	254967	18.555	ng/u1	95
18) 4-Methylphenol	8.463	108	324011	17.600	ng/u1	97
19) Hexachloroethane	8.751	117	133706	19.721	ng/u1	100
22) Nitrobenzene	8.898	77	373772	21.536	ng/u1	97
23) Isophorone	9.422	82	713016	20.136	ng/u1	99
25) 2-Nitrophenol	9.598	139	174862	20.330	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	319614	20.422	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.904	93	448627	20.146	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	282031	21.039	ng/u1	99
30) Naphthalene	10.528	128	1017497	20.671	ng/u1	99
32) 4-Chloroaniline	10.645	127	424567	19.748	ng/u1	100
33) Hexachlorobutadiene	10.798	225	167203	22.254	ng/u1	97
34) Caprolactam	11.427	113	85875	16.450	ng/u1	95
35) 4-Chloro-3-methylphenol	11.769	107	304686	19.600	ng/u1	98
36) 2-Methylnaphthalene	12.145	142	661145	20.198	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	654885	20.281	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	313099	21.254	ng/ul	97
40) Hexachlorocyclopentadiene	12.480	237	203527	20.813	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	207183	20.062	ng/ul	97
42) 2,4,5-Trichlorophenol	12.833	196	223367	20.183	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	844809	20.546	ng/ul	100
44) 2-Chloronaphthalene	13.210	162	654682	20.290	ng/ul	99
45) 2-Nitroaniline	13.427	65	203655	20.105	ng/ul	98
47) Dimethylphthalate	13.810	163	817960	19.790	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	158573	19.208	ng/ul	96
50) Acenaphthylene	14.063	152	1105498	20.419	ng/ul	100
51) 3-Nitroaniline	14.263	138	169657	19.026	ng/ul	94
52) Acenaphthene	14.404	153	722771	20.307	ng/ul	100
53) 2,4-Dinitrophenol	14.474	184	83652	15.841	ng/ul	97
55) 4-Nitrophenol	14.568	109	115245	19.527	ng/ul	93
56) Dibenzofuran	14.745	168	975491	20.604	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	232275	19.491	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.968	232	183595	20.046	ng/ul	99
59) Diethylphthalate	15.186	149	840600	19.597	ng/ul	98
61) Fluorene	15.398	166	805050	20.791	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	386128	21.486	ng/ul	97
63) 4-Nitroaniline	15.433	138	174671m	20.495	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	141211	19.588	ng/ul	98
67) N-Nitrosodiphenylamine	15.615	169	660063	21.088	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	227347	21.871	ng/ul	99
69) Hexachlorobenzene	16.392	284	261028	22.046	ng/ul	97
70) Atrazine	16.574	200	218105	21.323	ng/ul	99
71) Pentachlorophenol	16.739	266	157239	20.112	ng/ul	97
72) Phenanthrene	17.139	178	1225063	20.780	ng/ul	99
74) Anthracene	17.233	178	1246983	20.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.127	216	302112	21.764	ng/uL	99
76) Pentachlorobenzene	14.657	250	301702	22.481	ng/uL	99
77) Carbazole	17.509	167	1155038	20.616	ng/ul	100
78) Di-n-butylphthalate	18.080	149	1490960	19.784	ng/ul	99
80) Fluoranthene	19.162	202	1371107	19.672	ng/ul	98
82) Pyrene	19.527	202	1452351	20.015	ng/ul	97
83) Butylbenzylphthalate	20.445	149	632199	17.718	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	439068	21.271	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1418512	19.795	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1015228	19.515	ng/ul	98
87) Chrysene	21.327	228	1312235	19.779	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1709924	17.565	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1421995	19.536	ng/ul	100
91) Benzo(k)fluoranthene	22.909	252	1414538	19.842	ng/ul	99
93) Benzo(a)pyrene	23.444	252	1349677	19.822	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.803	276	1687450	22.096	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	1424976	22.378	ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	1346666	22.097	ng/ul	99

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

