

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
 Data File : BM044635.D
 Acq On : 15 Mar 2024 16:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020074

Manual Integrations

APPROVED

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

Quant Time: Mar 15 17:08:26 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	195510	20.000	ng/ul	0.00
20) Naphthalene-d8	10.480	136	801270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	475944	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	940185	20.000	ng/ul	0.00
79) Chrysene-d12	21.297	240	866025	20.000	ng/ul	0.00
88) Perylene-d12	23.538	264	971237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	43528	7.551	ng/uL	0.00
4) Pyridine-d5	3.651	84	295771	17.433	ng/ul	0.00
7) Phenol-d5	6.869	99	361001	17.960	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	235708	18.984	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	285450	19.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	274793	17.407	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	138551	20.535	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	146965	20.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	257885	20.832	ng/ul	0.00
31) 4-Chloroaniline-d4	10.627	131	394996	19.212	ng/ul	0.00
46) Dimethylphthalate-d6	13.768	166	739973	19.820	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	839410	19.659	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	140874	18.195	ng/ul	0.00
60) Fluorene-d10	15.345	176	619494	19.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	115816	18.977	ng/ul	0.00
73) Anthracene-d10	17.198	188	943546	20.996	ng/ul	0.00
81) Pyrene-d10	19.497	212	1036706	19.518	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1026274	20.104	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	47197	7.909	ng/uL	94
5) Pyridine	3.675	79	314262	17.859	ng/ul	100
6) Benzaldehyde	6.857	77	205133	23.430	ng/ul	93
8) Phenol	6.898	94	368829	17.979	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.139	93	311405	18.486	ng/ul	96
12) 2-Chlorophenol	7.263	128	293771	19.282	ng/ul	98
13) 2-Methylphenol	8.139	108	275419	17.692	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.222	45	445084	20.008	ng/ul	97
16) Acetophenone	8.528	105	447384	18.273	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.510	70	232005	18.341	ng/ul	95
18) 4-Methylphenol	8.469	108	298288	17.602	ng/ul	95
19) Hexachloroethane	8.757	117	125073	20.041	ng/ul	97
22) Nitrobenzene	8.904	77	342633	21.413	ng/ul	96
23) Isophorone	9.422	82	646256	19.796	ng/ul	98
25) 2-Nitrophenol	9.604	139	161514	20.368	ng/ul	97
26) 2,4-Dimethylphenol	9.663	107	295741	20.497	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.910	93	411755	20.055	ng/ul	98
29) 2,4-Dichlorophenol	10.127	162	258044	20.879	ng/ul	99
30) Naphthalene	10.527	128	938594	20.682	ng/ul	99
32) 4-Chloroaniline	10.651	127	387140	19.532	ng/ul	99
33) Hexachlorobutadiene	10.798	225	155392	22.433	ng/ul	98
34) Caprolactam	11.433	113	80667m	16.760	ng/ul	
35) 4-Chloro-3-methylphenol	11.774	107	279829	19.525	ng/ul	98
36) 2-Methylnaphthalene	12.145	142	604388	20.027	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.368	142	599696	20.144	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	286929	21.191	ng/ul	98
40) Hexachlorocyclopentadiene	12.486	237	185551	20.644	ng/ul	98
41) 2,4,6-Trichlorophenol	12.768	196	188979	19.909	ng/ul	99
42) 2,4,5-Trichlorophenol	12.833	196	204253	20.079	ng/ul	99
43) 1,1'-Biphenyl	13.174	154	770704	20.392	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	601191	20.270	ng/ul	99
45) 2-Nitroaniline	13.433	65	185196	19.890	ng/ul	98
47) Dimethylphthalate	13.815	163	746943	19.661	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	144993	19.107	ng/ul	100
50) Acenaphthylene	14.063	152	1011916	20.334	ng/ul	99
51) 3-Nitroaniline	14.268	138	153905	18.777	ng/ul	99
52) Acenaphthene	14.410	153	663045	20.267	ng/ul	100
53) 2,4-Dinitrophenol	14.474	184	73236	15.088	ng/ul	96
55) 4-Nitrophenol	14.568	109	105373	19.424	ng/ul	93
56) Dibenzofuran	14.745	168	891346	20.482	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	209095	19.089	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.974	232	168362	19.999	ng/ul	97
59) Diethylphthalate	15.186	149	774415	19.641	ng/ul	99
61) Fluorene	15.398	166	725792	20.392	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	348031	21.069	ng/ul	99
63) 4-Nitroaniline	15.433	138	157991m	20.167	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	125919	19.308	ng/ul	96
67) N-Nitrosodiphenylamine	15.615	169	602651	21.283	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	205957	21.901	ng/ul	96
69) Hexachlorobenzene	16.392	284	238649	22.280	ng/ul	96
70) Atrazine	16.580	200	199555	21.566	ng/ul	99
71) Pentachlorophenol	16.745	266	141494	20.005	ng/ul	97
72) Phenanthrene	17.139	178	1108711	20.788	ng/ul	99
74) Anthracene	17.233	178	1149118	21.304	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.127	216	278803	22.202	ng/uL	99
76) Pentachlorobenzene	14.657	250	277237	22.835	ng/uL	98
77) Carbazole	17.509	167	1045151	20.620	ng/ul	100
78) Di-n-butylphthalate	18.080	149	1365512	20.029	ng/ul	99
80) Fluoranthene	19.162	202	1240323	19.608	ng/ul	98
82) Pyrene	19.527	202	1304958	19.815	ng/ul	99
83) Butylbenzylphthalate	20.444	149	583238	18.011	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.221	252	396100	21.144	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1284395	19.749	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	932521	19.751	ng/ul	100
87) Chrysene	21.333	228	1186623	19.708	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1589521	18.287	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1288646	19.829	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	1248596	19.616	ng/ul	99
93) Benzo(a)pyrene	23.444	252	1206040	19.838	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	1471034	21.574	ng/ul	98
95) Dibenzo(a,h)anthracene	25.832	278	1248572	21.961	ng/ul	99
96) Benzo(g,h,i)perylene	26.503	276	1177297	21.636	ng/ul	100

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

