

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011224\
 Data File : BM043830.D
 Acq On : 12 Jan 2024 16:28
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020189

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 13 00:40:50 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	241325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1157796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	752842	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1603940	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1519236	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1599438	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.351	96	51319	8.211	ng/uL	0.00
4) Pyridine-d5	3.775	84	389695	20.240	ng/u1	0.00
7) Phenol-d5	7.116	99	492396	20.162	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	328582	21.590	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	375694	21.147	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	407684	20.956	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	196986	20.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	217159	19.875	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	406366	20.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	623289	20.113	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1286892	20.407	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1502808	20.922	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	237613	19.265	ng/u1	0.00
60) Fluorene-d10	15.586	176	1103514	20.794	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	199190	17.589	ng/u1	0.00
73) Anthracene-d10	17.445	188	1718496	21.054	ng/u1	0.00
81) Pyrene-d10	19.739	212	1878769	20.022	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1822722	20.645	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	55054	8.395	ng/uL	99
5) Pyridine	3.798	79	398166	20.155	ng/u1	97
6) Benzaldehyde	7.092	77	270876m	28.101	ng/u1	
8) Phenol	7.139	94	503646	20.532	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	421141	21.295	ng/u1	99
12) 2-Chlorophenol	7.504	128	393145	21.320	ng/u1	98
13) 2-Methylphenol	8.398	108	387897	20.529	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	748601	22.451	ng/u1	99
16) Acetophenone	8.781	105	656170	21.753	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	382363	22.933	ng/u1	97
18) 4-Methylphenol	8.728	108	431119	21.003	ng/u1	96
19) Hexachloroethane	9.016	117	170690	21.359	ng/u1	97
22) Nitrobenzene	9.163	77	520374	21.509	ng/u1	100
23) Isophorone	9.692	82	1049563	21.149	ng/u1	99
25) 2-Nitrophenol	9.875	139	241063	20.874	ng/u1	98
26) 2,4-Dimethylphenol	9.933	107	472206	21.080	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.175	93	618130	21.000	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	403003	20.775	ng/u1	98
30) Naphthalene	10.804	128	1410720	20.941	ng/u1	100
32) 4-Chloroaniline	10.933	127	609925	20.253	ng/u1	100
33) Hexachlorobutadiene	11.069	225	219670	20.237	ng/u1	99
34) Caprolactam	11.739	113	137818	19.732	ng/u1	97
35) 4-Chloro-3-methylphenol	12.057	107	459262	21.366	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	993508	21.156	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	987104	21.081	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	454301	20.291	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	247002	16.495	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	321046	20.195	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	348078	20.621	ng/ul	98
43) 1,1'-Biphenyl	13.427	154	1332379	20.727	ng/ul	99
44) 2-Chloronaphthalene	13.468	162	1032418	20.843	ng/ul	100
45) 2-Nitroaniline	13.692	65	332118	21.244	ng/ul	96
47) Dimethylphthalate	14.057	163	1311341	20.688	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	256303	20.402	ng/ul	95
50) Acenaphthylene	14.315	152	1760510	20.988	ng/ul	100
51) 3-Nitroaniline	14.521	138	261041	19.650	ng/ul	98
52) Acenaphthene	14.651	153	1165749	20.957	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	126414	16.193	ng/ul	96
55) 4-Nitrophenol	14.833	109	191891	20.391	ng/ul	93
56) Dibenzofuran	14.992	168	1575783	21.085	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	387175	20.921	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.221	232	286072	20.340	ng/ul	94
59) Diethylphthalate	15.421	149	1367417	20.235	ng/ul	99
61) Fluorene	15.639	166	1370310	21.389	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	617536	20.591	ng/ul	97
63) 4-Nitroaniline	15.686	138	226557	21.228	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	219872	18.037	ng/ul	94
67) N-Nitrosodiphenylamine	15.857	169	1094823	20.741	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	354371	19.747	ng/ul	98
69) Hexachlorobenzene	16.633	284	427522	20.194	ng/ul	97
70) Atrazine	16.815	200	357040	18.701	ng/ul	98
71) Pentachlorophenol	16.992	266	228043	17.133	ng/ul	99
72) Phenanthrene	17.386	178	2067292	20.988	ng/ul	99
74) Anthracene	17.480	178	2106085	21.010	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	450997	20.057	ng/ul	99
76) Pentachlorobenzene	14.904	250	459722	20.037	ng/ul	98
77) Carbazole	17.756	167	1888107	20.319	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2436430	19.309	ng/ul	99
80) Fluoranthene	19.403	202	2313401	20.149	ng/ul	99
82) Pyrene	19.768	202	2477165	20.819	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1085180	19.287	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	766173	20.948	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2428801	20.937	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1717269	19.165	ng/ul	100
87) Chrysene	21.574	228	2182534	20.842	ng/ul	100
89) Di-n-octyl phthalate	22.391	149	2773641	18.628	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2326063	20.749	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	2265202	20.514	ng/ul	100
93) Benzo(a)pyrene	23.850	252	2166052	21.108	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	2603869	22.234	ng/ul	99
95) Dibenzo(a,h)anthracene	26.503	278	2175945	22.424	ng/ul	100
96) Benzo(g,h,i)perylene	27.256	276	1999821	22.487	ng/ul	99

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

