

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045818.D
 Acq On : 04 Jun 2024 15:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020112

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 00:12:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 31 13:01:11 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	252726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.228	136	1095002	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	723633	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1477114	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	1145092	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	1043509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	52328	8.028	ng/uL	0.00
4) Pyridine-d5	3.463	84	347012	20.675	ng/u1	0.00
7) Phenol-d5	6.716	99	458566	21.359	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	344593	22.352	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	342686	21.368	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	363293	22.397	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	179244	20.936	ng/u1	0.00
24) 2-Nitrophenol-d4	9.339	143	185379	21.394	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	351135	21.610	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	496815	22.092	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1090528	21.768	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1229348	21.132	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	238691	22.077	ng/u1	0.00
60) Fluorene-d10	15.104	176	926392	21.676	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	148105	19.635	ng/u1	0.00
73) Anthracene-d10	16.951	188	1377510	21.452	ng/u1	0.00
81) Pyrene-d10	19.251	212	1531363	21.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1065994	21.857	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.081	88	58680	8.133	ng/uL	96
5) Pyridine	3.481	79	358495	20.798	ng/u1	98
6) Benzaldehyde	6.640	77	240322m	23.798	ng/u1	
8) Phenol	6.745	94	481997	21.647	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.922	93	403904	21.732	ng/u1	96
12) 2-Chlorophenol	7.057	128	363794	21.532	ng/u1	98
13) 2-Methylphenol	7.963	108	353476	21.680	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.004	45	853572	23.318	ng/u1	99
16) Acetophenone	8.298	105	618330	22.873	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.292	70	361237	24.182	ng/u1	94
18) 4-Methylphenol	8.292	108	390503	23.146	ng/u1	100
19) Hexachloroethane	8.534	117	173894	21.429	ng/u1	98
22) Nitrobenzene	8.669	77	529539	22.100	ng/u1	99
23) Isophorone	9.198	82	974423	23.016	ng/u1	99
25) 2-Nitrophenol	9.369	139	201989	21.325	ng/u1	97
26) 2,4-Dimethylphenol	9.475	107	425833	22.161	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.681	93	566580	22.043	ng/u1	100
29) 2,4-Dichlorophenol	9.910	162	351333	21.702	ng/u1	97
30) Naphthalene	10.281	128	1246886	21.354	ng/u1	99
32) 4-Chloroaniline	10.439	127	484676	22.049	ng/u1	97
33) Hexachlorobutadiene	10.575	225	225412	20.326	ng/u1	97
34) Caprolactam	11.280	113	110872m	24.317	ng/u1	
35) 4-Chloro-3-methylphenol	11.586	107	409596	23.321	ng/u1	98
36) 2-Methylnaphthalene	11.898	142	849919	21.978	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.122	142	859548	22.232	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.275	216	425687	19.642	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	237548	18.060	ng/ul	99
41) 2,4,6-Trichlorophenol	12.545	196	263667	20.911	ng/ul	98
42) 2,4,5-Trichlorophenol	12.633	196	290145	21.205	ng/ul	99
43) 1,1'-Biphenyl	12.939	154	1105597	20.593	ng/ul	98
44) 2-Chloronaphthalene	12.969	162	854018	20.299	ng/ul	98
45) 2-Nitroaniline	13.216	65	329119	22.909	ng/ul	97
47) Dimethylphthalate	13.604	163	1110848	21.838	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	215234	21.994	ng/ul	90
50) Acenaphthylene	13.827	152	1437065	21.344	ng/ul	100
51) 3-Nitroaniline	14.057	138	196465	21.864	ng/ul	98
52) Acenaphthene	14.174	153	956809	21.296	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	109368	24.545	ng/ul	91
55) 4-Nitrophenol	14.416	109	205667	23.057	ng/ul	94
56) Dibenzofuran	14.510	168	1308569	21.597	ng/ul	99
57) 2,4-Dinitrotoluene	14.498	165	318573	23.530	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.757	232	240691	23.281	ng/ul	92
59) Diethylphthalate	14.974	149	1169890	22.968	ng/ul	99
61) Fluorene	15.163	166	1097741	22.486	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.168	204	520121	21.465	ng/ul	96
63) 4-Nitroaniline	15.233	138	176189	23.613	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.257	198	161954	19.563	ng/ul#	86
67) N-Nitrosodiphenylamine	15.386	169	883223	21.100	ng/ul	100
68) 4-Bromophenyl-phenylether	16.063	248	320885	20.836	ng/ul	94
69) Hexachlorobenzene	16.162	284	348361	20.454	ng/ul	99
70) Atrazine	16.362	200	257852	20.322	ng/ul	99
71) Pentachlorophenol	16.527	266	173200	20.042	ng/ul	99
72) Phenanthrene	16.898	178	1657186	21.292	ng/ul	99
74) Anthracene	16.986	178	1680165	21.612	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.892	216	420457	18.354	ng/ul	98
76) Pentachlorobenzene	14.427	250	419118	19.561	ng/ul	96
77) Carbazole	17.274	167	1506849	22.716	ng/ul	99
78) Di-n-butylphthalate	17.851	149	2009871	23.040	ng/ul	100
80) Fluoranthene	18.915	202	1872047	21.685	ng/ul	98
82) Pyrene	19.280	202	1906993	21.500	ng/ul	97
83) Butylbenzylphthalate	20.209	149	811910	22.460	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.003	252	462573	20.451	ng/ul	98
85) Benzo(a)anthracene	21.050	228	1669864	21.120	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1176848	21.912	ng/ul	99
87) Chrysene	21.109	228	1528566	20.898	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1758704	22.037	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1384211	21.585	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	1390949	22.207	ng/ul	97
93) Benzo(a)pyrene	23.662	252	1210860	21.488	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.785	276	1128392	18.336	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278	881653	18.114	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	974198	17.974	ng/ul	99

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

