

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
 Data File : BM044564.D
 Acq On : 08 Mar 2024 14:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020069

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 15:38:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 05 23:05:11 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	311310	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1414117	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	883241	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1786821	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1558969	20.000	ng/ul	0.00
88) Perylene-d12	23.574	264	1591664	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	64640	7.042	ng/uL	-0.01
4) Pyridine-d5	3.669	84	460672	17.052	ng/ul	-0.01
7) Phenol-d5	6.892	99	583362	18.226	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	375095	18.973	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	445986	18.962	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	456564	18.164	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	229481	19.272	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	251943	19.626	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	441643	20.215	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.651	131	684561	18.866	ng/ul	-0.01
46) Dimethylphthalate-d6	13.786	166	1302310	18.797	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1495374	18.872	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	261410	18.194	ng/ul	0.00
60) Fluorene-d10	15.362	176	1105388	18.985	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	215761	18.602	ng/ul	0.00
73) Anthracene-d10	17.221	188	1682206	19.696	ng/ul	0.00
81) Pyrene-d10	19.515	212	1887285	19.738	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	1599426	19.118	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	62126	6.538	ng/uL	97
5) Pyridine	3.687	79	490057	17.490	ng/ul	92
6) Benzaldehyde	6.881	77	326301	23.406	ng/ul	97
8) Phenol	6.916	94	599093	18.340	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.163	93	498629	18.590	ng/ul	99
12) 2-Chlorophenol	7.281	128	452699	18.660	ng/ul	97
13) 2-Methylphenol	8.157	108	452314	18.247	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.245	45	712590	20.117	ng/ul	96
16) Acetophenone	8.545	105	753179	19.320	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.533	70	395912	19.657	ng/ul	97
18) 4-Methylphenol	8.486	108	498063	18.458	ng/ul	97
19) Hexachloroethane	8.781	117	183510	18.467	ng/ul	97
22) Nitrobenzene	8.922	77	555009	19.654	ng/ul	98
23) Isophorone	9.445	82	1119724	19.435	ng/ul	99
25) 2-Nitrophenol	9.628	139	272148	19.446	ng/ul	99
26) 2,4-Dimethylphenol	9.680	107	484301	19.019	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.933	93	698597	19.280	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	437136	20.042	ng/ul	100
30) Naphthalene	10.551	128	1561071	19.491	ng/ul	100
32) 4-Chloroaniline	10.675	127	668539	19.112	ng/ul	98
33) Hexachlorobutadiene	10.822	225	249426	20.403	ng/ul	98
34) Caprolactam	11.457	113	144350m	16.994	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	496575	19.632	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	1060840	19.918	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1038667	19.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	492398	19.596	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	357462	21.430	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	341903	19.409	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	364185	19.291	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	1354830	19.317	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	1049248	19.064	ng/ul	99
45) 2-Nitroaniline	13.451	65	330791	19.144	ng/ul	98
47) Dimethylphthalate	13.833	163	1324169	18.782	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	262496	18.640	ng/ul	96
50) Acenaphthylene	14.086	152	1774207	19.211	ng/ul	100
51) 3-Nitroaniline	14.286	138	289347	19.022	ng/ul	100
52) Acenaphthene	14.427	153	1150003	18.942	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	162347	18.023	ng/ul	94
55) 4-Nitrophenol	14.592	109	184225	18.300	ng/ul	95
56) Dibenzofuran	14.768	168	1547906	19.167	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	382731	18.828	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.992	232	299759	19.188	ng/ul	99
59) Diethylphthalate	15.204	149	1334060	18.233	ng/ul	99
61) Fluorene	15.421	166	1280616	19.389	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	604769	19.728	ng/ul	98
63) 4-Nitroaniline	15.457	138	278694m	19.170	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	230291	18.580	ng/ul	97
67) N-Nitrosodiphenylamine	15.639	169	1056918	19.640	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	359439	20.112	ng/ul	98
69) Hexachlorobenzene	16.415	284	421252	20.694	ng/ul	94
70) Atrazine	16.598	200	346377	19.696	ng/ul	99
71) Pentachlorophenol	16.762	266	258130	19.203	ng/ul	99
72) Phenanthrene	17.162	178	1987548	19.608	ng/ul	99
74) Anthracene	17.256	178	2012812	19.635	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	484469	20.300	ng/uL	99
76) Pentachlorobenzene	14.680	250	478711	20.747	ng/uL	99
77) Carbazole	17.527	167	1874172	19.456	ng/ul	100
78) Di-n-butylphthalate	18.103	149	2357425	18.194	ng/ul	100
80) Fluoranthene	19.186	202	2250543	19.764	ng/ul	96
82) Pyrene	19.545	202	2336176	19.706	ng/ul	99
83) Butylbenzylphthalate	20.462	149	1026803	17.615	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.239	252	680001	20.164	ng/ul	99
85) Benzo(a)anthracene	21.297	228	2224534	19.001	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.244	149	1575087	18.532	ng/ul	99
87) Chrysene	21.350	228	2044756	18.865	ng/ul	99
89) Di-n-octyl phthalate	22.138	149	2622488	18.411	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	2034337	19.101	ng/ul	100
91) Benzo(k)fluoranthene	22.938	252	2046597	19.620	ng/ul	99
93) Benzo(a)pyrene	23.474	252	1879137	18.861	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.850	276	2023395	18.107	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	1723635	18.499	ng/ul	98
96) Benzo(g,h,i)perylene	26.550	276	1576689	17.681	ng/ul	97

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

