

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044288.D
 Acq On : 24 Feb 2024 10:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020195

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/26/2024

Supervised By :mohammad ahmed 02/26/2024

Quant Time: Feb 25 23:10:30 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Feb 25 22:57:38 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	241657	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	1033260	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	583803	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1187022	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	1017868	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	1136598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	57111	7.457	ng/uL	0.00
4) Pyridine-d5	3.769	84	391818	18.732	ng/u1	0.00
7) Phenol-d5	7.081	99	426133	18.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	280615	18.719	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	340571	19.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	323304	18.457	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	163520	19.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	171399	19.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	297428	19.672	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	469306	18.481	ng/u1	0.00
46) Dimethylphthalate-d6	13.980	166	879245	19.528	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	1031574	19.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	160987	17.968	ng/u1	0.00
60) Fluorene-d10	15.557	176	744039	19.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	130561	17.727	ng/u1	0.00
73) Anthracene-d10	17.410	188	1116400	19.725	ng/u1	0.00
81) Pyrene-d10	19.709	212	1214502	19.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	1146412	19.684	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	61129	7.572	ng/uL	99
5) Pyridine	3.787	79	410525	18.760	ng/u1	98
6) Benzaldehyde	7.063	77	241837m	24.066	ng/u1	
8) Phenol	7.104	94	448755	18.649	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.351	93	379755	18.854	ng/u1	99
12) 2-Chlorophenol	7.475	128	353032	19.571	ng/u1	97
13) 2-Methylphenol	8.357	108	329391	18.580	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.445	45	511166	18.562	ng/u1	99
16) Acetophenone	8.745	105	536467	19.170	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.734	70	274423	19.575	ng/u1	98
18) 4-Methylphenol	8.693	108	351842	18.631	ng/u1	99
19) Hexachloroethane	8.987	117	145786	19.051	ng/u1	92
22) Nitrobenzene	9.128	77	391309	19.259	ng/u1	99
23) Isophorone	9.651	82	764804	19.422	ng/u1	100
25) 2-Nitrophenol	9.834	139	188342	19.812	ng/u1	96
26) 2,4-Dimethylphenol	9.898	107	350425	19.305	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.145	93	492840	19.253	ng/u1	99
29) 2,4-Dichlorophenol	10.363	162	301906	19.730	ng/u1	99
30) Naphthalene	10.769	128	1129122	19.214	ng/u1	99
32) 4-Chloroaniline	10.892	127	458366	18.524	ng/u1	99
33) Hexachlorobutadiene	11.045	225	178635	19.377	ng/u1	99
34) Caprolactam	11.669	113	91547m	17.307	ng/u1	
35) 4-Chloro-3-methylphenol	12.010	107	327160	20.068	ng/u1	100
36) 2-Methylnaphthalene	12.381	142	733887	19.607	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	719689	19.450	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	336248	19.456	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	215271	18.514	ng/ul	98
41) 2,4,6-Trichlorophenol	12.992	196	223578	20.296	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	236744	19.880	ng/ul	100
43) 1,1'-Biphenyl	13.398	154	924966	19.461	ng/ul	98
44) 2-Chloronaphthalene	13.433	162	725832	19.504	ng/ul	99
45) 2-Nitroaniline	13.651	65	204549	19.852	ng/ul	96
47) Dimethylphthalate	14.028	163	898580	19.527	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	172641	20.061	ng/ul	100
50) Acenaphthylene	14.280	152	1210111	19.721	ng/ul	100
51) 3-Nitroaniline	14.480	138	178958	19.711	ng/ul	95
52) Acenaphthene	14.622	153	788349	19.462	ng/ul	100
53) 2,4-Dinitrophenol	14.686	184	88036	16.485	ng/ul	97
55) 4-Nitrophenol	14.780	109	111171	18.062	ng/ul	97
56) Dibenzofuran	14.957	168	1062173	19.533	ng/ul	100
57) 2,4-Dinitrotoluene	14.933	165	248436	20.094	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.180	232	191985	20.032	ng/ul#	99
59) Diethylphthalate	15.398	149	922344	19.471	ng/ul	99
61) Fluorene	15.610	166	862655	19.751	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.610	204	410527	19.944	ng/ul	97
63) 4-Nitroaniline	15.639	138	182565	20.790	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.692	198	145366	18.042	ng/ul	99
67) N-Nitrosodiphenylamine	15.827	169	709079	19.712	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	230217	19.520	ng/ul	99
69) Hexachlorobenzene	16.604	284	262487	19.445	ng/ul	100
70) Atrazine	16.786	200	229161	19.448	ng/ul	100
71) Pentachlorophenol	16.957	266	163109	18.336	ng/ul	98
72) Phenanthrene	17.357	178	1315622	19.320	ng/ul	99
74) Anthracene	17.445	178	1334758	19.468	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	326219	19.633	ng/uL	98
76) Pentachlorobenzene	14.874	250	308851	19.471	ng/uL	98
77) Carbazole	17.721	167	1229484	19.071	ng/ul	100
78) Di-n-butylphthalate	18.298	149	1622403	19.876	ng/ul	99
80) Fluoranthene	19.374	202	1454980	19.811	ng/ul	98
82) Pyrene	19.739	202	1529685	19.861	ng/ul	99
83) Butylbenzylphthalate	20.662	149	693558	20.048	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	457707	20.103	ng/ul	99
85) Benzo(a)anthracene	21.498	228	1495190	19.696	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1094972	20.674	ng/ul	100
87) Chrysene	21.551	228	1387008	19.437	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	1854337	19.042	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	1425166	19.559	ng/ul	100
91) Benzo(k)fluoranthene	23.239	252	1485209	19.845	ng/ul	100
93) Benzo(a)pyrene	23.815	252	1377466	19.607	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	1645190	19.365	ng/ul	99
95) Dibenzo(a,h)anthracene	26.450	278	1379760	19.435	ng/ul	99
96) Benzo(g,h,i)perylene	27.185	276	1312569	19.100	ng/ul	99

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

