

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121224\
 Data File : BM048971.D
 Acq On : 12 Dec 2024 14:25
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020061

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 23:21:43 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 12 00:53:37 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	156098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	607506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	349822	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	652770	20.000	ng/u1	0.00
79) Chrysene-d12	21.180	240	618012	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	614901	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	37254	8.400	ng/uL	0.00
4) Pyridine-d5	3.546	84	267359	20.268	ng/u1	0.00
7) Phenol-d5	6.757	99	261193	19.195	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	182711	19.771	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	199849	20.241	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	188483	18.556	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	89839	20.620	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	78883	19.585	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	177943	20.759	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	259826	19.441	ng/u1	0.00
46) Dimethylphthalate-d6	13.627	166	490031	20.344	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	601967	20.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	88512	19.179	ng/u1	0.00
60) Fluorene-d10	15.204	176	426717	20.441	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.327	200	51915	15.244	ng/u1	0.00
73) Anthracene-d10	17.051	188	650281	20.326	ng/u1	0.00
81) Pyrene-d10	19.351	212	684855	19.738	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	626048	19.871	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	40265	8.523	ng/uL	97
5) Pyridine	3.563	79	280755	20.369	ng/u1	96
6) Benzaldehyde	6.722	77	184344	25.409	ng/u1	97
8) Phenol	6.781	94	286555	19.536	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.010	93	226939	19.566	ng/u1	97
12) 2-Chlorophenol	7.140	128	211302	20.270	ng/u1	99
13) 2-Methylphenol	8.016	108	191137	18.988	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.092	45	335945	19.570	ng/u1	99
16) Acetophenone	8.387	105	333004	19.486	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.375	70	165839	19.913	ng/u1	96
18) 4-Methylphenol	8.340	108	210525	19.029	ng/u1	98
19) Hexachloroethane	8.640	117	89576	19.879	ng/u1	93
22) Nitrobenzene	8.757	77	247448	20.716	ng/u1	100
23) Isophorone	9.287	82	425731	20.160	ng/u1	99
25) 2-Nitrophenol	9.463	139	95831	20.172	ng/u1	96
26) 2,4-Dimethylphenol	9.534	107	197639	20.034	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.769	93	279448	20.703	ng/u1	97
29) 2,4-Dichlorophenol	9.992	162	182842	20.637	ng/u1	96
30) Naphthalene	10.386	128	652371	20.213	ng/u1	99
32) 4-Chloroaniline	10.498	127	252261	19.609	ng/u1	98
33) Hexachlorobutadiene	10.681	225	114975	20.106	ng/u1	99
34) Caprolactam	11.275	113	53230m	19.068	ng/u1	
35) 4-Chloro-3-methylphenol	11.633	107	168884	19.928	ng/u1	99
36) 2-Methylnaphthalene	12.004	142	416221	20.360	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.227	142	414469	20.287	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.380	216	210207	19.632	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	112825	16.967	ng/ul	99
41) 2,4,6-Trichlorophenol	12.627	196	120194	20.005	ng/ul	100
42) 2,4,5-Trichlorophenol	12.698	196	133769m	20.226	ng/ul	
43) 1,1'-Biphenyl	13.039	154	532313	20.102	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	427045	20.297	ng/ul	99
45) 2-Nitroaniline	13.280	65	108010	20.012	ng/ul	97
47) Dimethylphthalate	13.674	163	488772	20.281	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	83013	20.430	ng/ul	96
50) Acenaphthylene	13.927	152	657694	20.552	ng/ul	99
51) 3-Nitroaniline	14.116	138	96213	20.328	ng/ul	99
52) Acenaphthene	14.274	153	459124	20.226	ng/ul	99
53) 2,4-Dinitrophenol	14.321	184	30558	14.397	ng/ul	99
55) 4-Nitrophenol	14.427	109	58301	17.238	ng/ul	95
56) Dibenzofuran	14.610	168	628059	20.555	ng/ul	99
57) 2,4-Dinitrotoluene	14.574	165	128103	21.325	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.839	232	100777	20.818	ng/ul#	98
59) Diethylphthalate	15.051	149	482765	20.799	ng/ul	99
61) Fluorene	15.263	166	520741	20.614	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	247721	20.237	ng/ul	95
63) 4-Nitroaniline	15.280	138	97782	21.685	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.339	198	62088	16.376	ng/ul	95
67) N-Nitrosodiphenylamine	15.480	169	402913	20.259	ng/ul	98
68) 4-Bromophenyl-phenylether	16.157	248	125870	19.575	ng/ul	95
69) Hexachlorobenzene	16.263	284	152480	19.724	ng/ul	100
70) Atrazine	16.439	200	131899	18.091	ng/ul	99
71) Pentachlorophenol	16.610	266	78208	16.342	ng/ul	98
72) Phenanthrene	16.998	178	758479	20.087	ng/ul	99
74) Anthracene	17.086	178	772886	20.327	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	198174	18.722	ng/uL	99
76) Pentachlorobenzene	14.527	250	198725	19.357	ng/uL	96
77) Carbazole	17.357	167	700802	19.543	ng/ul	99
78) Di-n-butylphthalate	17.945	149	749154	20.800	ng/ul	100
80) Fluoranthene	19.021	202	800890	19.631	ng/ul	99
82) Pyrene	19.380	202	887048	19.710	ng/ul	97
83) Butylbenzylphthalate	20.309	149	278275	20.260	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.098	252	186064	17.341	ng/ul	100
85) Benzo(a)anthracene	21.162	228	823833	19.875	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.121	149	410279	20.674	ng/ul	98
87) Chrysene	21.221	228	771038	19.763	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	594094	16.063	ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	747933	19.232	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	769253	19.800	ng/ul	99
93) Benzo(a)pyrene	23.862	252	724124	20.027	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.115	276	888611	19.891	ng/ul	99
95) Dibenzo(a,h)anthracene	27.168	278	732618	20.070	ng/ul	99
96) Benzo(g,h,i)perylene	28.085	276	691895	20.176	ng/ul	98

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

