

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091224\
 Data File : BM047508.D
 Acq On : 12 Sep 2024 18:47
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020144

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024

Quant Time: Sep 13 02:01:23 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 00:35:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	479894	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2208284	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1362130	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.227	188	2596617	20.000	ng/u1	-0.01
79) Chrysene-d12	21.456	240	1984667	20.000	ng/u1	-0.01
88) Perylene-d12	24.491	264	1714518	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	92982	7.814	ng/uL	0.00
4) Pyridine-d5	3.710	84	709546	18.664	ng/u1	0.00
7) Phenol-d5	7.022	99	832966	18.517	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	536552	19.162	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	674883	19.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	681455	19.273	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	339582	19.913	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	332676	20.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	659567	20.134	ng/u1	0.00
31) 4-Chloroaniline-d4	10.786	131	1015409	18.939	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1882138	18.799	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	2324681	19.242	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	334275	16.851	ng/u1	0.00
60) Fluorene-d10	15.480	176	1623963	18.771	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.592	200	226622	16.509	ng/u1	0.00
73) Anthracene-d10	17.327	188	2407752	19.256	ng/u1	0.00
81) Pyrene-d10	19.609	212	2522332	21.807	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.285	264	1762937	19.350	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	100847	7.853	ng/uL	95
5) Pyridine	3.728	79	728771	18.566	ng/u1	99
6) Benzaldehyde	6.998	77	586636m	24.639	ng/u1	
8) Phenol	7.045	94	860359	18.579	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	703713	19.217	ng/u1	98
12) 2-Chlorophenol	7.428	128	706964	19.924	ng/u1	98
13) 2-Methylphenol	8.298	108	655679	18.810	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.386	45	1021226	19.029	ng/u1	99
16) Acetophenone	8.681	105	1132206	19.898	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	596068	19.739	ng/u1	97
18) 4-Methylphenol	8.628	108	737000	19.364	ng/u1	98
19) Hexachloroethane	8.951	117	303052	19.877	ng/u1	99
22) Nitrobenzene	9.057	77	837232	19.647	ng/u1	99
23) Isophorone	9.586	82	1625362	19.126	ng/u1	99
25) 2-Nitrophenol	9.769	139	387381	20.798	ng/u1	99
26) 2,4-Dimethylphenol	9.833	107	766215	19.124	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	976222	18.984	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	664449	20.006	ng/u1	100
30) Naphthalene	10.710	128	2343208	19.260	ng/u1	100
32) 4-Chloroaniline	10.810	127	992102	18.809	ng/u1	99
33) Hexachlorobutadiene	11.010	225	388256	19.600	ng/u1	99
34) Caprolactam	11.569	113	213611m	16.699	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	717071	19.173	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	1629887	19.489	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1638970	19.397	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	784631	19.403	ng/u1	98
40) Hexachlorocyclopentadiene	12.680	237	528862	19.023	ng/u1	100
41) 2,4,6-Trichlorophenol	12.922	196	499774	20.142	ng/u1	98
42) 2,4,5-Trichlorophenol	12.992	196	549007	20.356	ng/u1	99
43) 1,1'-Biphenyl	13.333	154	2076522	19.340	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	1601590	19.451	ng/u1	98
45) 2-Nitroaniline	13.563	65	469648	19.606	ng/u1	96
47) Dimethylphthalate	13.951	163	1914420	18.825	ng/u1	99
48) 2,6-Dinitrotoluene	14.057	165	368878	19.878	ng/u1	98
50) Acenaphthylene	14.216	152	2538305	19.437	ng/u1	100
51) 3-Nitroaniline	14.380	138	432335	19.955	ng/u1	96
52) Acenaphthene	14.557	153	1775739	19.139	ng/u1	100
53) 2,4-Dinitrophenol	14.586	184	180452	17.672	ng/u1	96
55) 4-Nitrophenol	14.686	109	284343	17.026	ng/u1	94
56) Dibenzofuran	14.892	168	2312146	19.173	ng/u1	98
57) 2,4-Dinitrotoluene	14.839	165	538951	20.168	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.110	232	417204	20.103	ng/u1	98
59) Diethylphthalate	15.315	149	1993442	18.527	ng/u1	99
61) Fluorene	15.539	166	2012674	19.124	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.533	204	943482	19.360	ng/u1	99
63) 4-Nitroaniline	15.539	138	451615	21.065	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.604	198	258114	16.635	ng/u1	97
67) N-Nitrosodiphenylamine	15.739	169	1591711	19.719	ng/u1	99
68) 4-Bromophenyl-phenylether	16.421	248	528066	19.657	ng/u1	97
69) Hexachlorobenzene	16.539	284	597150	19.454	ng/u1	97
70) Atrazine	16.692	200	519120	18.307	ng/u1	98
71) Pentachlorophenol	16.874	266	346466	17.935	ng/u1	100
72) Phenanthrene	17.268	178	2854310	19.269	ng/u1	100
74) Anthracene	17.362	178	2900248	19.336	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	776554	20.565	ng/uL	98
76) Pentachlorobenzene	14.810	250	744119	19.953	ng/uL	97
77) Carbazole	17.621	167	2581354	18.823	ng/u1	100
78) Di-n-butylphthalate	18.198	149	3436671	19.437	ng/u1	100
80) Fluoranthene	19.274	202	3059301	22.440	ng/u1	99
82) Pyrene	19.639	202	3294463	22.672	ng/u1	98
83) Butylbenzylphthalate	20.539	149	1398289	21.080	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.356	252	718784	15.318	ng/u1	99
85) Benzo(a)anthracene	21.439	228	2746981	19.376	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.374	149	2195898	21.831	ng/u1	100
87) Chrysene	21.497	228	2555820	19.540	ng/u1	100
89) Di-n-octyl phthalate	22.527	149	3349435	24.454	ng/u1	100
90) Benzo(b)fluoranthene	23.533	252	2206433	20.048	ng/u1	99
91) Benzo(k)fluoranthene	23.597	252	2247354	20.790	ng/u1	99
93) Benzo(a)pyrene	24.350	252	1995262	19.734	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	27.926	276	2168042	17.485	ng/u1	98
95) Dibenzo(a,h)anthracene	27.997	278	1753434	17.368	ng/u1	99
96) Benzo(g,h,i)perylene	28.997	276	1660575	17.532	ng/u1	99

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

