

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048106.D
 Acq On : 17 Oct 2024 14:24
 Operator : RC/JU
 Sample : SSTD08046
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD080031

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2024

Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 17 14:58:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 14:37:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	308575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1199299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	681834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.151	188	1330297	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1080604	20.000	ng/u1	0.00
88) Perylene-d12	24.362	264	1310503	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	242745	26.266	ng/uL	0.00
4) Pyridine-d5	3.652	84	1705952	63.538	ng/u1	0.00
7) Phenol-d5	6.952	99	1988470	69.299	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	1175191	59.968	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	1734894	81.310	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	1568218	72.673	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	833709	86.198	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	936923	96.853	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1547909	83.046	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	2046047	72.529	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	3809893	76.757	ng/u1	0.01
49) Acenaphthylene-d8	14.104	160	4556613	77.544	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	771375	78.336	ng/u1	0.01
60) Fluorene-d10	15.404	176	3145715	73.407	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	704487	86.564	ng/u1	0.00
73) Anthracene-d10	17.251	188	4679280	71.539	ng/u1	0.00
81) Pyrene-d10	19.539	212	5232377	83.617	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	5460086	79.310	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	254761	25.425	ng/uL	99
5) Pyridine	3.670	79	1740966	62.126	ng/u1	98
6) Benzaldehyde	6.916	77	936379	68.907	ng/u1	98
8) Phenol	6.981	94	2055538	67.608	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.199	93	1636484	68.061	ng/u1	99
12) 2-Chlorophenol	7.346	128	1728737	77.211	ng/u1	98
13) 2-Methylphenol	8.222	108	1562676	72.370	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	2272439	52.511	ng/u1	99
16) Acetophenone	8.599	105	2330266	64.314	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	1064119	57.076	ng/u1	98
18) 4-Methylphenol	8.563	108	1667600	69.305	ng/u1	95
19) Hexachloroethane	8.852	117	708237	71.000	ng/u1	94
22) Nitrobenzene	8.975	77	1740065	66.345	ng/u1	100
23) Isophorone	9.510	82	3261394	68.975	ng/u1	99
25) 2-Nitrophenol	9.687	139	984133	91.059	ng/u1	98
26) 2,4-Dimethylphenol	9.752	107	1661438	74.727	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.981	93	2047283	70.666	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	1545605	80.959	ng/u1	99
30) Naphthalene	10.616	128	5003827	72.810	ng/u1	100
32) 4-Chloroaniline	10.728	127	1962455	71.180	ng/u1	99
33) Hexachlorobutadiene	10.899	225	989166	78.076	ng/u1	99
34) Caprolactam	11.534	113	492164m	79.932	ng/u1	
35) 4-Chloro-3-methylphenol	11.869	107	1519297	78.009	ng/u1	98
36) 2-Methylnaphthalene	12.228	142	3299848	74.927	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	3287950	73.675	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	1732206	77.852	ng/ul	100
40) Hexachlorocyclopentadiene	12.581	237	1000877	75.319	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	1179127	89.611	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	1257160	87.853	ng/ul	98
43) 1,1'-Biphenyl	13.245	154	4005213	73.527	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	3187367	75.455	ng/ul	99
45) 2-Nitroaniline	13.492	65	917095	71.110	ng/ul	99
47) Dimethylphthalate	13.875	163	3811636	76.034	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	853036	94.604	ng/ul	99
50) Acenaphthylene	14.134	152	4749086	72.033	ng/ul	99
51) 3-Nitroaniline	14.322	138	876039	84.591	ng/ul	95
52) Acenaphthene	14.475	153	3273729	70.558	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	571588	99.380	ng/ul	97
55) 4-Nitrophenol	14.651	109	532508	66.778	ng/ul	94
56) Dibenzofuran	14.810	168	4412337	70.376	ng/ul	97
57) 2,4-Dinitrotoluene	14.786	165	1174860	87.733	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.039	232	964692	85.054	ng/ul	97
59) Diethylphthalate	15.233	149	3742246	74.589	ng/ul	99
61) Fluorene	15.463	166	3248877	63.019	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	1640403	66.517	ng/ul	99
63) 4-Nitroaniline	15.492	138	733869	76.476	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.551	198	740685	82.859	ng/ul#	95
67) N-Nitrosodiphenylamine	15.669	169	2926369	70.921	ng/ul	98
68) 4-Bromophenyl-phenylether	16.345	248	1099099	78.675	ng/ul	98
69) Hexachlorobenzene	16.463	284	1276190	78.260	ng/ul	99
70) Atrazine	16.622	200	1099342	78.987	ng/ul	98
71) Pentachlorophenol	16.810	266	889026	84.206	ng/ul	98
72) Phenanthrene	17.198	178	5363985	69.384	ng/ul	100
74) Anthracene	17.286	178	5249084	66.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	1734943	78.171	ng/ul	98
76) Pentachlorobenzene	14.734	250	1582691	72.833	ng/ul	97
77) Carbazole	17.557	167	4897731	68.405	ng/ul	99
78) Di-n-butylphthalate	18.116	149	6435370	78.750	ng/ul	100
80) Fluoranthene	19.210	202	6041630	82.226	ng/ul	99
82) Pyrene	19.574	202	6227029	76.687	ng/ul	97
83) Butylbenzylphthalate	20.457	149	2934318	97.704	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	1876769	80.601	ng/ul	99
85) Benzo(a)anthracene	21.363	228	6090526	79.565	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	3910262	87.176	ng/ul	100
87) Chrysene	21.421	228	5641003	76.130	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	7578734	84.842	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	6441717	78.377	ng/ul	100
91) Benzo(k)fluoranthene	23.492	252	6216615	73.866	ng/ul	99
93) Benzo(a)pyrene	24.239	252	5892920	75.514	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.756	276	7910608	78.961	ng/ul	99
95) Dibenzo(a,h)anthracene	27.809	278	6264089	76.274	ng/ul	99
96) Benzo(g,h,i)perylene	28.821	276	6247313	79.851	ng/ul	98

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

