

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
 Data File : BM047786.D
 Acq On : 02 Oct 2024 21:13
 Operator : RC/JU
 Sample : P4020-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DDCG0MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 23:21:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Sep 28 02:30:36 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	236423	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1007578	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	636399	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	1358804	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1392883	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1509648	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	22521	3.078	ng/uL	0.00
4) Pyridine-d5	3.669	84	301893	14.093	ng/ul	0.00
7) Phenol-d5	6.969	99	469938	21.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	280746	17.697	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.339	132	365321	22.460	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	373689	22.482	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	179926	22.428	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	184167	23.956	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	383612	24.979	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	517093	21.779	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1134267	24.584	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1305018	23.855	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	228646	24.890	ng/ul	0.00
60) Fluorene-d10	15.433	176	983745	24.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	173866	21.866	ng/ul	0.00
73) Anthracene-d10	17.274	188	1575663	23.583	ng/ul	-0.01
81) Pyrene-d10	19.562	212	1935504	24.484	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1994431	25.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	72403	9.061	ng/uL	92
5) Pyridine	3.687	79	530168	23.509	ng/ul	89
6) Benzaldehyde	6.945	77	306238	25.188	ng/ul	92
8) Phenol	6.998	94	647791	27.232	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.228	93	489950	25.849	ng/ul	92
12) 2-Chlorophenol	7.369	128	515405	29.911	ng/ul	93
13) 2-Methylphenol	8.245	108	472521	28.488	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	744742	20.872	ng/ul	95
16) Acetophenone	8.628	105	776428	27.299	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.616	70	392544	26.058	ng/ul#	90
18) 4-Methylphenol	8.575	108	532169	28.550	ng/ul	99
19) Hexachloroethane	8.886	117	209035	26.989	ng/ul	92
22) Nitrobenzene	9.004	77	570769	25.046	ng/ul	92
23) Isophorone	9.533	82	1095021	26.861	ng/ul#	94
25) 2-Nitrophenol	9.710	139	275653	31.342	ng/ul	90
26) 2,4-Dimethylphenol	9.775	107	523674	27.788	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.010	93	661491	26.530	ng/ul	97
29) 2,4-Dichlorophenol	10.245	162	494644	31.192	ng/ul	97
30) Naphthalene	10.651	128	1633047	28.177	ng/ul	100
32) 4-Chloroaniline	10.757	127	553997	23.697	ng/ul	100
33) Hexachlorobutadiene	10.939	225	298122	28.453	ng/ul	99
34) Caprolactam	11.533	113	166958m	32.920	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	523890	31.914	ng/ul	94
36) 2-Methylnaphthalene	12.263	142	1117143	30.337	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1122782	29.968	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	589041	28.433	ng/ul#	96
40) Hexachlorocyclopentadiene	12.616	237	278367	22.216	ng/ul	98
41) 2,4,6-Trichlorophenol	12.868	196	385108	32.129	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	422531	32.236	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	1476450	28.976	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	1135261	28.808	ng/ul	96
45) 2-Nitroaniline	13.516	65	343271	27.440	ng/ul#	82
47) Dimethylphthalate	13.898	163	1427977	30.560	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	279332	34.039	ng/ul	88
50) Acenaphthylene	14.163	152	1845694	29.917	ng/ul	99
51) 3-Nitroaniline	14.339	138	318634	32.081	ng/ul	90
52) Acenaphthene	14.504	153	1250956	28.684	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	143632	28.325	ng/ul#	77
55) 4-Nitrophenol	14.651	109	225059	29.179	ng/ul	87
56) Dibenzofuran	14.839	168	1750538	29.820	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	427202	34.660	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.062	232	362582	35.093	ng/ul	98
59) Diethylphthalate	15.262	149	1472025	31.485	ng/ul	98
61) Fluorene	15.486	166	1446118	29.527	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	691450	29.878	ng/ul	98
63) 4-Nitroaniline	15.504	138	352975	36.593	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.562	198	246134	27.935	ng/ul#	86
67) N-Nitrosodiphenylamine	15.692	169	1201037	28.365	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	420806	30.044	ng/ul	98
69) Hexachlorobenzene	16.492	284	491707	30.167	ng/ul	93
70) Atrazine	16.645	200	343864	24.396	ng/ul	97
71) Pentachlorophenol	16.833	266	644862	62.218	ng/ul	100
72) Phenanthrene	17.221	178	2300553	28.871	ng/ul	99
74) Anthracene	17.309	178	2315265	28.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	566975	25.201	ng/uL	99
76) Pentachlorobenzene	14.762	250	558670	25.440	ng/uL	97
77) Carbazole	17.580	167	2182103	29.621	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2797143	34.105	ng/ul	99
80) Fluoranthene	19.233	202	2771532	29.768	ng/ul	98
82) Pyrene	19.592	202	2992705	28.880	ng/ul	97
83) Butylbenzylphthalate	20.492	149	1341195	36.610	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.309	252	771012	26.196	ng/ul	100
85) Benzo(a)anthracene	21.386	228	2920616	29.947	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	2020590	36.736	ng/ul	99
87) Chrysene	21.450	228	2739030	28.809	ng/ul	99
89) Di-n-octyl phthalate	22.444	149	3495792	35.901	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2907730	30.886	ng/ul	98
91) Benzo(k)fluoranthene	23.527	252	2909294	30.222	ng/ul	98
93) Benzo(a)pyrene	24.268	252	2615866	29.256	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.797	276	3382213	29.518	ng/ul	98
95) Dibenzo(a,h)anthracene	27.862	278	2749377	29.279	ng/ul	98
96) Benzo(g,h,i)perylene	28.862	276	2626770	29.259	ng/ul	97

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

