

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047751.D
 Acq On : 01 Oct 2024 20:59
 Operator : RC/JU
 Sample : P4018-17MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DDCE2MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 23:19:16 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	7.810	152	260601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1109856	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.445	164	691259	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1346320	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1283257	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	1421970	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	20817	2.581	ng/uL	0.00
4) Pyridine-d5	3.675	84	137661	5.830	ng/u1	0.00
7) Phenol-d5	6.975	99	423236	17.175	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	263423	15.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	333880	18.623	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	341813	18.656	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	168869	19.110	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	173143	20.446	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	358599	21.198	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	478438	18.294	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1057746	21.106	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1211383	20.386	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	193140	19.356	ng/u1	0.00
60) Fluorene-d10	15.433	176	902160	20.782	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	158720	20.146	ng/u1	0.00
73) Anthracene-d10	17.280	188	1367083	20.651	ng/u1	0.00
81) Pyrene-d10	19.562	212	1611654	22.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.203	264	1631302	22.111	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	73215	8.312	ng/uL	88
5) Pyridine	3.693	79	524591	21.104	ng/u1	87
6) Benzaldehyde	6.945	77	360278	26.884	ng/u1	94
8) Phenol	7.004	94	640913	24.443	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.234	93	496635	23.771	ng/u1	91
12) 2-Chlorophenol	7.375	128	515331	27.132	ng/u1	94
13) 2-Methylphenol	8.251	108	468408	25.620	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	751891	19.117	ng/u1#	95
16) Acetophenone	8.628	105	795715	25.382	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.616	70	396971	23.907	ng/u1#	91
18) 4-Methylphenol	8.581	108	525407	25.572	ng/u1	98
19) Hexachloroethane	8.892	117	212152	24.850	ng/u1	88
22) Nitrobenzene	9.004	77	573180	22.834	ng/u1	94
23) Isophorone	9.533	82	1101730	24.535	ng/u1	95
25) 2-Nitrophenol	9.716	139	277941	28.690	ng/u1	89
26) 2,4-Dimethylphenol	9.781	107	447584	21.562	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.016	93	669438	24.374	ng/u1	97
29) 2,4-Dichlorophenol	10.251	162	499243	28.581	ng/u1	98
30) Naphthalene	10.651	128	1648845	25.828	ng/u1	99
32) 4-Chloroaniline	10.757	127	604609	23.478	ng/u1	99
33) Hexachlorobutadiene	10.945	225	306644	26.569	ng/u1	97
34) Caprolactam	11.580	113	173434m	31.045	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	508421	28.118	ng/u1	95
36) 2-Methylnaphthalene	12.263	142	1121305	27.644	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	1120072	27.141	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	584485	25.974	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	272982	20.057	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	377439	28.990	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	416174	29.231	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1436611	25.957	ng/ul	97
44) 2-Chloronaphthalene	13.316	162	1120354	26.174	ng/ul	97
45) 2-Nitroaniline	13.516	65	327726	24.118	ng/ul#	84
47) Dimethylphthalate	13.898	163	1351127	26.620	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	264748	29.701	ng/ul	87
50) Acenaphthylene	14.163	152	1772392	26.449	ng/ul	99
51) 3-Nitroaniline	14.339	138	302117	28.004	ng/ul	88
52) Acenaphthene	14.510	153	1230237	25.970	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	138077	25.069	ng/ul#	80
55) 4-Nitrophenol	14.651	109	205489	24.528	ng/ul	89
56) Dibenzofuran	14.839	168	1678528	26.324	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	397523	29.693	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.068	232	467187	41.629	ng/ul#	96
59) Diethylphthalate	15.263	149	1360517	26.791	ng/ul	98
61) Fluorene	15.492	166	1370093	25.754	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	653323	25.990	ng/ul	96
63) 4-Nitroaniline	15.504	138	320513	30.591	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.563	198	250650	28.712	ng/ul#	84
67) N-Nitrosodiphenylamine	15.698	169	1116862	26.622	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	395596	28.506	ng/ul	98
69) Hexachlorobenzene	16.492	284	457285	28.315	ng/ul	94
70) Atrazine	16.651	200	352958	25.274	ng/ul	98
71) Pentachlorophenol	16.845	266	4486636	436.898	ng/ul	99
72) Phenanthrene	17.227	178	2062885	26.128	ng/ul	100
74) Anthracene	17.315	178	2064829	25.641	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	568104	25.486	ng/uL	99
76) Pentachlorobenzene	14.763	250	549627	25.260	ng/uL	98
77) Carbazole	17.580	167	1939210	26.568	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2353007	28.956	ng/ul	98
80) Fluoranthene	19.233	202	2391307	27.878	ng/ul	98
82) Pyrene	19.592	202	2579098	27.015	ng/ul	97
83) Butylbenzylphthalate	20.492	149	1039255	30.791	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.309	252	612254	22.579	ng/ul	99
85) Benzo(a)anthracene	21.392	228	2448863	27.255	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	1496900	29.540	ng/ul	97
87) Chrysene	21.450	228	2326264	26.558	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	2502701	27.287	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2408323	27.158	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	2445953	26.975	ng/ul	98
93) Benzo(a)pyrene	24.274	252	2263819	26.880	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.803	276	2917399	27.031	ng/ul	99
95) Dibenzo(a,h)anthracene	27.862	278	2386179	26.978	ng/ul	97
96) Benzo(g,h,i)perylene	28.862	276	2281413	26.979	ng/ul	96

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

