

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062450.D
 Acq On : 16 Aug 2024 19:44
 Operator : MA/JU
 Sample : P3555-10MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DCXV9MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 23:13:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 14 15:31:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	63754	20.000	ng/u1	0.00
20) Naphthalene-d8	10.750	136	273027	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	209610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.312	188	451467	20.000	ng/u1	0.00
79) Chrysene-d12	21.559	240	433480	20.000	ng/u1	0.00
88) Perylene-d12	24.643	264	502202	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	5228m	3.113	ng/uL	0.00
4) Pyridine-d5	3.830	84	5568	1.088	ng/u1	0.00
7) Phenol-d5	7.114	99	110803	17.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	71592	17.920	ng/u1	0.00
11) 2-Chlorophenol-d4	7.490	132	87477	20.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.659	113	64508	12.134	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	45220	25.826	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	49848	28.619	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	103227	23.268	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	21050	2.992	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	326498	20.025	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	375615	20.807	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	52773	20.289	ng/u1	0.00
60) Fluorene-d10	15.567	176	300114	20.408	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	53999	26.325	ng/u1	0.00
73) Anthracene-d10	17.412	188	438457	20.217	ng/u1	0.00
81) Pyrene-d10	19.697	212	533738	21.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.426	264	453232	17.006	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.454	88	15979	8.915	ng/uL	92
5) Pyridine	3.848	79	9659	1.794	ng/u1#	90
6) Benzaldehyde	7.096	77	82509	25.095	ng/u1	97
8) Phenol	7.143	94	155785	23.408	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.378	93	107595	21.849	ng/u1	99
12) 2-Chlorophenol	7.519	128	108761	24.270	ng/u1	97
13) 2-Methylphenol	8.395	108	103227	20.613	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.477	45	211123	20.771	ng/u1	99
16) Acetophenone	8.771	105	188648	21.662	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.759	70	92109	20.043	ng/u1	95
18) 4-Methylphenol	8.724	108	115618	20.156	ng/u1	95
19) Hexachloroethane	9.041	117	37729	21.159	ng/u1	97
22) Nitrobenzene	9.153	77	139390	28.184	ng/u1	96
23) Isophorone	9.675	82	263665	22.574	ng/u1	97
25) 2-Nitrophenol	9.863	139	65314	33.565	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	60633	11.426	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	152257	23.435	ng/u1	97
29) 2,4-Dichlorophenol	10.398	162	122896	26.976	ng/u1	98
30) Naphthalene	10.803	128	380027	23.999	ng/u1	99
32) 4-Chloroaniline	10.903	127	102970	15.055	ng/u1	99
33) Hexachlorobutadiene	11.091	225	81731	23.601	ng/u1	99
34) Caprolactam	11.661	113	41282m	22.467	ng/u1	
35) 4-Chloro-3-methylphenol	12.025	107	139216	26.116	ng/u1	94
36) 2-Methylnaphthalene	12.407	142	275770	24.661	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	272969	23.924	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.771	216	174538	24.935	ng/ul	97
40) Hexachlorocyclopentadiene	12.754	237	65551	18.270	ng/ul	98
41) 2,4,6-Trichlorophenol	13.006	196	112705	27.991	ng/ul	96
42) 2,4,5-Trichlorophenol	13.077	196	121228	28.677	ng/ul	96
43) 1,1'-Biphenyl	13.411	154	388069	24.437	ng/ul	99
44) 2-Chloronaphthalene	13.453	162	308286	25.088	ng/ul	99
45) 2-Nitroaniline	13.646	65	102185	32.106	ng/ul	98
47) Dimethylphthalate	14.028	163	387731	23.456	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	79162	33.531	ng/ul#	87
50) Acenaphthylene	14.299	152	472601	24.451	ng/ul	99
51) 3-Nitroaniline	14.469	138	68937	25.628	ng/ul	93
52) Acenaphthene	14.639	153	344727	23.831	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	44266	29.725	ng/ul	90
55) 4-Nitrophenol	14.774	109	58290	26.109	ng/ul	99
56) Dibenzofuran	14.974	168	483336	23.753	ng/ul	97
57) 2,4-Dinitrotoluene	14.927	165	111738	31.092	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	112357	27.644	ng/ul	98
59) Diethylphthalate	15.397	149	382087	23.161	ng/ul	98
61) Fluorene	15.620	166	376756	23.491	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.614	204	194417	23.589	ng/ul	98
63) 4-Nitroaniline	15.632	138	72029	25.618	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.691	198	69275	29.973	ng/ul#	99
67) N-Nitrosodiphenylamine	15.826	169	338864	25.892	ng/ul	98
68) 4-Bromophenyl-phenylether	16.507	248	133437	26.336	ng/ul	98
69) Hexachlorobenzene	16.625	284	134531	22.790	ng/ul	98
70) Atrazine	16.777	200	108338	19.853	ng/ul	98
71) Pentachlorophenol	16.965	266	100857	29.278	ng/ul	98
72) Phenanthrene	17.359	178	623936	24.595	ng/ul	98
74) Anthracene	17.447	178	602561	23.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.376	216	168171	26.058	ng/ul	100
76) Pentachlorobenzene	14.892	250	162684	24.030	ng/ul	96
77) Carbazole	17.712	167	515771	23.628	ng/ul	100
78) Di-n-butylphthalate	18.281	149	670234	25.666	ng/ul	99
80) Fluoranthene	19.362	202	785345	27.691	ng/ul	98
82) Pyrene	19.726	202	737416	24.124	ng/ul	99
83) Butylbenzylphthalate	20.619	149	301566	29.288	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.453	252	108224	11.439	ng/ul#	96
85) Benzo(a)anthracene	21.536	228	831058	26.414	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.465	149	446387	29.673	ng/ul	99
87) Chrysene	21.600	228	782658	26.239	ng/ul	97
89) Di-n-octyl phthalate	22.634	149	776248	28.982	ng/ul	100
90) Benzo(b)fluoranthene	23.668	252	820466	27.044	ng/ul	98
91) Benzo(k)fluoranthene	23.733	252	777604	25.393	ng/ul	99
93) Benzo(a)pyrene	24.496	252	483707	16.912	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.144	276	801061m	22.036	ng/ul	
95) Dibenzo(a,h)anthracene	28.203	278	782812	26.568	ng/ul	98
96) Benzo(g,h,i)perylene	29.219	276	91349m	3.267	ng/ul	

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

