

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062032.D
 Acq On : 12 Jul 2024 7:21
 Operator : MA/JU
 Sample : P3124-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

A4CB3MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 09:17:14 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jul 11 12:11:32 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	48002	20.000	ng/u1	0.00
20) Naphthalene-d8	10.853	136	230089	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.672	164	162645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.416	188	363776m	20.000	ng/u1	0.00
79) Chrysene-d12	21.676	240	325150m	20.000	ng/u1	0.00
88) Perylene-d12	24.884	264	387831	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	4288m	3.357	ng/uL	0.00
4) Pyridine-d5	3.855	84	30606	7.792	ng/u1	0.00
7) Phenol-d5	7.198	99	107253	20.417	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	63154	18.984	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	76692	21.283	ng/u1	0.00
15) 4-Methylphenol-d8	8.744	113	78107	18.884	ng/u1	0.00
21) Nitrobenzene-d5	9.214	128	39282	22.448	ng/u1	0.00
24) 2-Nitrophenol-d4	9.930	143	47291	23.665	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.471	165	95764	24.845	ng/u1	0.00
31) 4-Chloroaniline-d4	10.982	131	74390	13.293	ng/u1	0.00
46) Dimethylphthalate-d6	14.073	166	314527	23.522	ng/u1	0.00
49) Acenaphthylene-d8	14.366	160	329267	23.549	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	53549	25.077	ng/u1	0.00
60) Fluorene-d10	15.665	176	286106	25.416	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.782	200	60055m	31.434	ng/u1	0.00
73) Anthracene-d10	17.516	188	478576m	28.178	ng/u1	0.00
81) Pyrene-d10	19.801	212	448860m	23.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.660	264	354153	18.412	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.473	88	13807	9.793	ng/uL	87
5) Pyridine	3.879	79	48607	12.067	ng/u1#	76
6) Benzaldehyde	7.175	77	47479	17.077	ng/u1	95
8) Phenol	7.228	94	140042	26.038	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.457	93	96246	23.295	ng/u1	99
12) 2-Chlorophenol	7.604	128	100051	27.254	ng/u1	93
13) 2-Methylphenol	8.485	108	98390	25.631	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.567	45	194642	21.563	ng/u1#	94
16) Acetophenone	8.867	105	173346	25.372	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.844	70	84004	21.962	ng/u1	89
18) 4-Methylphenol	8.814	108	112234	26.108	ng/u1	95
19) Hexachloroethane	9.126	117	30451	19.121	ng/u1#	83
22) Nitrobenzene	9.249	77	138804	27.944	ng/u1	97
23) Isophorone	9.772	82	257676	22.962	ng/u1#	98
25) 2-Nitrophenol	9.960	139	56962	27.951	ng/u1#	93
26) 2,4-Dimethylphenol	10.019	107	128068	26.258	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.254	93	141552	22.905	ng/u1	96
29) 2,4-Dichlorophenol	10.500	162	110171	30.428	ng/u1	97
30) Naphthalene	10.900	128	343551	27.182	ng/u1	96
32) 4-Chloroaniline	11.012	127	83962	15.291	ng/u1	98
33) Hexachlorobutadiene	11.176	225	84710	31.090	ng/u1	90
34) Caprolactam	11.781	113	34824m	24.549	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	152975	31.723	ng/u1	89
36) 2-Methylnaphthalene	12.504	142	251273	27.442	ng/u1	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.721	142	252972	26.585	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.862	216	135284	27.698	ng/ul	95
40) Hexachlorocyclopentadiene	12.839	237	37905	11.658	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.109	196	100887	31.098	ng/ul	94
42) 2,4,5-Trichlorophenol	13.185	196	120181	33.724	ng/ul	92
43) 1,1'-Biphenyl	13.509	154	341914	27.284	ng/ul	95
44) 2-Chloronaphthalene	13.550	162	257108	27.337	ng/ul	92
45) 2-Nitroaniline	13.755	65	124489	33.053	ng/ul	96
47) Dimethylphthalate	14.120	163	356688	27.733	ng/ul	97
48) 2,6-Dinitrotoluene	14.249	165	84531	34.645	ng/ul	91
50) Acenaphthylene	14.396	152	411169	26.794	ng/ul	98
51) 3-Nitroaniline	14.578	138	76056	32.023	ng/ul	93
52) Acenaphthene	14.737	153	298915	28.209	ng/ul	96
53) 2,4-Dinitrophenol	14.784	184	42190	33.097	ng/ul	94
55) 4-Nitrophenol	14.895	109	112852	46.304	ng/ul	88
56) Dibenzofuran	15.072	168	435411	29.073	ng/ul	94
57) 2,4-Dinitrotoluene	15.036	165	127884	35.740	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.295	232	110565	34.358	ng/ul	96
59) Diethylphthalate	15.483	149	412729	29.779	ng/ul	97
61) Fluorene	15.718	166	376326	29.548	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.706	204	187045	29.238	ng/ul	94
63) 4-Nitroaniline	15.741	138	83510	34.652	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.800	198	77254m	37.573	ng/ul	
67) N-Nitrosodiphenylamine	15.923	169	338913	34.115	ng/ul	97
68) 4-Bromophenyl-phenylether	16.605	248	145545	35.267	ng/ul	99
69) Hexachlorobenzene	16.717	284	120077	25.303	ng/ul	98
70) Atrazine	16.869	200	90237	23.010	ng/ul	94
71) Pentachlorophenol	17.063	266	85714m	32.860	ng/ul	
72) Phenanthrene	17.463	178	867758m	45.240	ng/ul	
74) Anthracene	17.551	178	674640	34.034	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.473	216	141582	31.337	ng/ul	97
76) Pentachlorobenzene	14.983	250	136829	26.553	ng/ul	96
77) Carbazole	17.821	167	512891	30.745	ng/ul	99
78) Di-n-butylphthalate	18.368	149	742165	34.651	ng/ul	99
80) Fluoranthene	19.466	202	1277061m	56.424	ng/ul	
82) Pyrene	19.831	202	930330m	39.792	ng/ul	
83) Butylbenzylphthalate	20.706	149	330877	33.722	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.570	252	105572	13.648	ng/ul	98
85) Benzo(a)anthracene	21.658	228	1049898m	44.597	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.552	149	569152	40.423	ng/ul	99
87) Chrysene	21.728	228	1019671	46.267	ng/ul	97
89) Di-n-octyl phthalate	22.757	149	827610	34.929	ng/ul	100
90) Benzo(b)fluoranthene	23.873	252	1181351	48.347	ng/ul	99
91) Benzo(k)fluoranthene	23.938	252	1031712m	42.342	ng/ul	
93) Benzo(a)pyrene	24.737	252	551735m	23.845	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.556	276	894020	30.236	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.620	278	888050	36.365	ng/ul	96
96) Benzo(g,h,i)perylene	29.690	276	330479m	14.049	ng/ul	

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

