

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
 Data File : BG062062.D
 Acq On : 13 Jul 2024 6:16
 Operator : MA/JU
 Sample : PB161903BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS903

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:47:10 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	8.038	152	33825	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.852	136	174584	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.671	164	137425	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.415	188	348049	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.675	240	327797	20.000	ng/ul	# 0.00
88) Perylene-d12	24.889	264	394377	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	6040m	6.710	ng/uL	0.00
4) Pyridine-d5	3.854	84	76916	27.791	ng/ul	0.00
7) Phenol-d5	7.203	99	104177	28.143	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	55421	23.642	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	69610	27.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	80358	27.572	ng/ul	0.00
21) Nitrobenzene-d5	9.207	128	37860	28.514	ng/ul	0.00
24) 2-Nitrophenol-d4	9.930	143	45360	29.915	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	93912	32.111	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	103356	24.341	ng/ul	0.00
46) Dimethylphthalate-d6	14.072	166	327012	28.944	ng/ul	0.00
49) Acenaphthylene-d8	14.366	160	342886	29.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.888	143	52092	28.872	ng/ul	0.01
60) Fluorene-d10	15.664	176	288776	30.361	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.782	200	58288	31.888	ng/ul	0.00
73) Anthracene-d10	17.515	188	454954	27.997	ng/ul	0.00
81) Pyrene-d10	19.800	212	546523	28.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.665	264	585194	29.919	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	11450m	11.525	ng/uL	
5) Pyridine	3.878	79	80274	28.281	ng/ul	86
6) Benzaldehyde	7.174	77	52610	26.854	ng/ul	89
8) Phenol	7.233	94	104653	27.614	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.456	93	70541	24.229	ng/ul	92
12) 2-Chlorophenol	7.609	128	74508	28.802	ng/ul	98
13) 2-Methylphenol	8.490	108	76515	28.287	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.566	45	142248	22.364	ng/ul#	95
16) Acetophenone	8.866	105	129825	26.966	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.843	70	69083	25.631	ng/ul#	91
18) 4-Methylphenol	8.813	108	85249	28.142	ng/ul	91
19) Hexachloroethane	9.125	117	30521	27.198	ng/ul	84
22) Nitrobenzene	9.248	77	106595	28.282	ng/ul#	94
23) Isophorone	9.771	82	208969	24.542	ng/ul#	98
25) 2-Nitrophenol	9.959	139	47189	30.517	ng/ul	93
26) 2,4-Dimethylphenol	10.018	107	84027	22.705	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.253	93	110448	23.554	ng/ul	94
29) 2,4-Dichlorophenol	10.499	162	84178	30.641	ng/ul	98
30) Naphthalene	10.905	128	256403	26.737	ng/ul	96
32) 4-Chloroaniline	11.011	127	98913	23.741	ng/ul	97
33) Hexachlorobutadiene	11.175	225	60282	29.159	ng/ul#	80
34) Caprolactam	11.780	113	31183m	28.971	ng/ul	
35) 4-Chloro-3-methylphenol	12.139	107	119100	32.551	ng/ul	99
36) 2-Methylnaphthalene	12.503	142	196186	28.238	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.720	142	204972	28.389	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.867	216	116044	28.119	ng/ul	97
40) Hexachlorocyclopentadiene	12.838	237	39448	14.359	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.108	196	74778	27.280	ng/ul	97
42) 2,4,5-Trichlorophenol	13.190	196	87800	29.159	ng/ul	92
43) 1,1'-Biphenyl	13.508	154	282244	26.656	ng/ul	96
44) 2-Chloronaphthalene	13.555	162	211687	26.638	ng/ul	93
45) 2-Nitroaniline	13.760	65	105200	33.058	ng/ul	92
47) Dimethylphthalate	14.119	163	305340	28.098	ng/ul	99
48) 2,6-Dinitrotoluene	14.254	165	68127	33.046	ng/ul	90
50) Acenaphthylene	14.395	152	360749	27.822	ng/ul	98
51) 3-Nitroaniline	14.583	138	63316	31.552	ng/ul#	96
52) Acenaphthene	14.736	153	245789	27.452	ng/ul	95
53) 2,4-Dinitrophenol	14.789	184	28865	26.800	ng/ul#	86
55) 4-Nitrophenol	14.900	109	70724	34.344	ng/ul	88
56) Dibenzofuran	15.071	168	363696	28.742	ng/ul	94
57) 2,4-Dinitrotoluene	15.035	165	104113	34.436	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.300	232	70785	26.033	ng/ul#	94
59) Diethylphthalate	15.482	149	338042	28.866	ng/ul	98
61) Fluorene	15.717	166	317210	29.477	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.705	204	153689	28.432	ng/ul	92
63) 4-Nitroaniline	15.746	138	73003	35.852	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.799	198	60886	30.951	ng/ul#	83
67) N-Nitrosodiphenylamine	15.923	169	274065	28.834	ng/ul	98
68) 4-Bromophenyl-phenylether	16.598	248	117480	29.753	ng/ul	91
69) Hexachlorobenzene	16.716	284	140458	30.936	ng/ul	94
70) Atrazine	16.863	200	23661	6.306	ng/ul	96
71) Pentachlorophenol	17.062	266	36812	14.750	ng/ul	96
72) Phenanthrene	17.456	178	531544	28.964	ng/ul	100
74) Anthracene	17.550	178	520333	27.435	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.472	216	120508	27.878	ng/ul	87
76) Pentachlorobenzene	14.982	250	145368	29.484	ng/ul	97
77) Carbazole	17.820	167	458243	28.710	ng/ul	97
78) Di-n-butylphthalate	18.367	149	569895	27.810	ng/ul	99
80) Fluoranthene	19.465	202	627925	27.519	ng/ul#	93
82) Pyrene	19.830	202	649512	27.557	ng/ul#	93
83) Butylbenzylphthalate	20.699	149	269406	27.235	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.569	252	235786	30.235	ng/ul	100
85) Benzo(a)anthracene	21.657	228	671271	28.284	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.551	149	381872	26.903	ng/ul	95
87) Chrysene	21.722	228	647472	29.142	ng/ul	98
89) Di-n-octyl phthalate	22.756	149	672884	27.928	ng/ul	100
90) Benzo(b)fluoranthene	23.866	252	731159	29.426	ng/ul	97
91) Benzo(k)fluoranthene	23.937	252	706368m	28.508	ng/ul	
93) Benzo(a)pyrene	24.736	252	620112	26.356	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.549	276	902738m	30.024	ng/ul	
95) Dibenzo(a,h)anthracene	28.614	278	718377	28.928	ng/ul#	98
96) Benzo(g,h,i)perylene	29.695	276	676528m	28.282	ng/ul	

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

