

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062037.D
 Acq On : 12 Jul 2024 10:42
 Operator : MA/JU
 Sample : PB161914BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS914

Manual Integrations

APPROVED

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

Quant Time: Jul 12 13:15:27 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	8.044	152	49379	20.000	ng/u1	0.00
20) Naphthalene-d8	10.853	136	218477	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.672	164	148032	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	337955	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.681	240	299258	20.000	ng/u1	0.00
88) Perylene-d12	24.889	264	370368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	8123	6.182	ng/uL	0.00
4) Pyridine-d5	3.855	84	95921	23.741	ng/u1	0.00
7) Phenol-d5	7.204	99	150381	27.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	82905	24.226	ng/u1	0.00
11) 2-Chlorophenol-d4	7.574	132	108068	29.154	ng/u1	0.00
15) 4-Methylphenol-d8	8.755	113	115578	27.165	ng/u1	0.00
21) Nitrobenzene-d5	9.208	128	54221	32.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.930	143	65454	34.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	124226	33.942	ng/u1	0.00
31) 4-Chloroaniline-d4	10.988	131	131415	24.732	ng/u1	0.00
46) Dimethylphthalate-d6	14.078	166	366934	30.150	ng/u1	0.00
49) Acenaphthylene-d8	14.372	160	410744	32.277	ng/u1	0.00
54) 4-Nitrophenol-d4	14.877	143	60774	31.270	ng/u1	0.00
60) Fluorene-d10	15.665	176	320677	31.300	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.782	200	44175	24.889	ng/u1	0.00
73) Anthracene-d10	17.521	188	499101	31.632	ng/u1	0.00
81) Pyrene-d10	19.801	212	566969	32.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.672	264	601079	32.724	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	15379	10.604	ng/uL	89
5) Pyridine	3.879	79	103862	25.066	ng/u1	94
6) Benzaldehyde	7.181	77	85590	29.926	ng/u1	91
8) Phenol	7.233	94	161340	29.162	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.463	93	108521	25.533	ng/u1	98
12) 2-Chlorophenol	7.604	128	111586	29.548	ng/u1#	82
13) 2-Methylphenol	8.485	108	108986	27.600	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.561	45	221498	23.854	ng/u1#	96
16) Acetophenone	8.867	105	179150	25.490	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.849	70	95584	24.293	ng/u1	87
18) 4-Methylphenol	8.820	108	123761	27.986	ng/u1	93
19) Hexachloroethane	9.125	117	48955	29.883	ng/u1	91
22) Nitrobenzene	9.255	77	150678	31.946	ng/u1#	97
23) Isophorone	9.772	82	278399	26.127	ng/u1#	97
25) 2-Nitrophenol	9.966	139	63738	32.938	ng/u1	95
26) 2,4-Dimethylphenol	10.024	107	119797	25.867	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.253	93	146494	24.965	ng/u1	96
29) 2,4-Dichlorophenol	10.506	162	108207	31.474	ng/u1	99
30) Naphthalene	10.906	128	370303	30.856	ng/u1	97
32) 4-Chloroaniline	11.017	127	130162	24.964	ng/u1	97
33) Hexachlorobutadiene	11.176	225	94709	36.608	ng/u1#	83
34) Caprolactam	11.781	113	37552m	27.879	ng/u1	
35) 4-Chloro-3-methylphenol	12.140	107	145993	31.884	ng/u1	98
36) 2-Methylnaphthalene	12.510	142	260718	29.987	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	269701	29.850	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.868	216	158251	35.598	ng/ul	97
40) Hexachlorocyclopentadiene	12.845	237	32658	11.036	ng/ul	95
41) 2,4,6-Trichlorophenol	13.115	196	89987	30.477	ng/ul	98
42) 2,4,5-Trichlorophenol	13.191	196	107074	33.012	ng/ul	95
43) 1,1'-Biphenyl	13.508	154	356568	31.262	ng/ul	98
44) 2-Chloronaphthalene	13.555	162	271372	31.702	ng/ul	91
45) 2-Nitroaniline	13.761	65	118652	34.613	ng/ul	97
47) Dimethylphthalate	14.125	163	350309	29.926	ng/ul	100
48) 2,6-Dinitrotoluene	14.249	165	75326	33.920	ng/ul	99
50) Acenaphthylene	14.402	152	437235	31.305	ng/ul	99
51) 3-Nitroaniline	14.584	138	74548	34.487	ng/ul#	97
52) Acenaphthene	14.736	153	300265	31.134	ng/ul	93
53) 2,4-Dinitrophenol	14.789	184	23985	20.673	ng/ul	87
55) 4-Nitrophenol	14.895	109	81978	36.957	ng/ul	90
56) Dibenzofuran	15.071	168	434244	31.858	ng/ul	95
57) 2,4-Dinitrotoluene	15.036	165	113188	34.755	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.295	232	85613	29.231	ng/ul#	98
59) Diethylphthalate	15.483	149	370159	29.344	ng/ul	98
61) Fluorene	15.724	166	358190	30.900	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.712	204	176271	30.274	ng/ul	89
63) 4-Nitroaniline	15.747	138	78139	35.625	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.800	198	48319	25.296	ng/ul#	82
67) N-Nitrosodiphenylamine	15.923	169	297969	32.285	ng/ul	97
68) 4-Bromophenyl-phenylether	16.605	248	128832	33.602	ng/ul	96
69) Hexachlorobenzene	16.716	284	153459	34.808	ng/ul	97
70) Atrazine	16.869	200	28171	7.732	ng/ul	97
71) Pentachlorophenol	17.069	266	66723	27.534	ng/ul	94
72) Phenanthrene	17.463	178	566312	31.780	ng/ul	100
74) Anthracene	17.557	178	564277	30.641	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.473	216	159359	37.966	ng/ul	98
76) Pentachlorobenzene	14.989	250	169229	35.349	ng/ul	98
77) Carbazole	17.827	167	516548	33.329	ng/ul	98
78) Di-n-butylphthalate	18.368	149	637707	32.049	ng/ul	99
80) Fluoranthene	19.466	202	678822	32.587	ng/ul#	94
82) Pyrene	19.830	202	707252	32.868	ng/ul#	93
83) Butylbenzylphthalate	20.706	149	289122	32.016	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.576	252	249533	35.050	ng/ul	95
85) Benzo(a)anthracene	21.664	228	704026	32.493	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.552	149	417392	32.210	ng/ul	98
87) Chrysene	21.728	228	658683	32.473	ng/ul	97
89) Di-n-octyl phthalate	22.762	149	733187	32.403	ng/ul	100
90) Benzo(b)fluoranthene	23.873	252	744430m	31.903	ng/ul	
91) Benzo(k)fluoranthene	23.937	252	756854	32.526	ng/ul	95
93) Benzo(a)pyrene	24.742	252	649960	29.415	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.561	276	869120	30.779	ng/ul	96
95) Dibenzo(a,h)anthracene	28.620	278	727651	31.201	ng/ul	99
96) Benzo(g,h,i)perylene	29.707	276	654782m	29.148	ng/ul	

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

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