

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
 Data File : BG062063.D
 Acq On : 13 Jul 2024 6:57
 Operator : MA/JU
 Sample : PB161910BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS910

Manual Integrations

APPROVED

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

Quant Time: Jul 15 08:53:14 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	8.042	152	31084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	156018	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.670	164	126893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	336909	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.673	240	317971	20.000	ng/ul	# 0.00
88) Perylene-d12	24.881	264	376282	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.436	96	5031	6.082	ng/uL	0.00
4) Pyridine-d5	3.853	84	71178m	27.985	ng/ul	0.00
7) Phenol-d5	7.202	99	92856	27.297	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	52396	24.323	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	63749	27.320	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	71953	26.865	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	34363	28.960	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	42747	31.547	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.474	165	81798	31.297	ng/ul	0.00
31) 4-Chloroaniline-d4	10.986	131	94188	24.822	ng/ul	0.00
46) Dimethylphthalate-d6	14.076	166	299070	28.668	ng/ul	0.00
49) Acenaphthylene-d8	14.370	160	321956	29.514	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	48618	29.183	ng/ul	0.01
60) Fluorene-d10	15.662	176	268016	30.518	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	56308	31.823	ng/ul	0.00
73) Anthracene-d10	17.513	188	428765	27.258	ng/ul	0.00
81) Pyrene-d10	19.799	212	517216	27.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.664	264	557686	29.884	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.471	88	9787m	10.720	ng/uL	
5) Pyridine	3.876	79	74903	28.716	ng/ul	94
6) Benzaldehyde	7.178	77	48065	26.697	ng/ul	94
8) Phenol	7.231	94	98124	28.174	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.454	93	64192	23.993	ng/ul	92
12) 2-Chlorophenol	7.601	128	66030	27.776	ng/ul	95
13) 2-Methylphenol	8.483	108	69986	28.154	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.565	45	131348	22.471	ng/ul#	97
16) Acetophenone	8.865	105	117304	26.514	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.841	70	63421	25.606	ng/ul	89
18) 4-Methylphenol	8.818	108	75911	27.269	ng/ul	96
19) Hexachloroethane	9.117	117	29911	29.004	ng/ul#	82
22) Nitrobenzene	9.252	77	98469	29.235	ng/ul#	91
23) Isophorone	9.769	82	194289	25.533	ng/ul#	96
25) 2-Nitrophenol	9.963	139	42064	30.440	ng/ul#	88
26) 2,4-Dimethylphenol	10.016	107	73755	22.301	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.251	93	98688	23.551	ng/ul#	98
29) 2,4-Dichlorophenol	10.504	162	78911	32.141	ng/ul	92
30) Naphthalene	10.903	128	237892	27.758	ng/ul	98
32) 4-Chloroaniline	11.015	127	93072	24.997	ng/ul	98
33) Hexachlorobutadiene	11.174	225	56335	30.492	ng/ul	93
34) Caprolactam	11.773	113	30369m	31.572	ng/ul	
35) 4-Chloro-3-methylphenol	12.137	107	111091	33.975	ng/ul	96
36) 2-Methylnaphthalene	12.501	142	181593	29.248	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
 Data File : BG062063.D
 Acq On : 13 Jul 2024 6:57
 Operator : MA/JU
 Sample : PB161910BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS910

Quant Time: Jul 15 08:53:14 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.725	142	184849	28.649	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.866	216	105011	27.557	ng/ul	91
40) Hexachlorocyclopentadiene	12.836	237	33575	13.236	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.107	196	68291	26.982	ng/ul	99
42) 2,4,5-Trichlorophenol	13.189	196	81161	29.191	ng/ul	89
43) 1,1'-Biphenyl	13.506	154	263048	26.905	ng/ul	96
44) 2-Chloronaphthalene	13.553	162	200466	27.320	ng/ul	97
45) 2-Nitroaniline	13.759	65	101292	34.471	ng/ul	95
47) Dimethylphthalate	14.123	163	284436	28.346	ng/ul	98
48) 2,6-Dinitrotoluene	14.246	165	63843	33.538	ng/ul	95
50) Acenaphthylene	14.399	152	337172	28.162	ng/ul	99
51) 3-Nitroaniline	14.581	138	60775	32.799	ng/ul	96
52) Acenaphthene	14.734	153	231098	27.954	ng/ul	94
53) 2,4-Dinitrophenol	14.787	184	26502	26.648	ng/ul	90
55) 4-Nitrophenol	14.905	109	69205	36.396	ng/ul#	79
56) Dibenzofuran	15.069	168	338085	28.935	ng/ul	90
57) 2,4-Dinitrotoluene	15.034	165	101123	36.223	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.298	232	64845	25.828	ng/ul#	95
59) Diethylphthalate	15.480	149	312683	28.917	ng/ul	93
61) Fluorene	15.721	166	289147	29.099	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.704	204	149694	29.992	ng/ul	95
63) 4-Nitroaniline	15.745	138	68367	36.362	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.798	198	59988	31.503	ng/ul#	88
67) N-Nitrosodiphenylamine	15.921	169	262769	28.560	ng/ul	94
68) 4-Bromophenyl-phenylether	16.603	248	108109	28.285	ng/ul	96
69) Hexachlorobenzene	16.714	284	132548	30.159	ng/ul	93
70) Atrazine	16.867	200	21764	5.992	ng/ul	98
71) Pentachlorophenol	17.067	266	36446	15.087	ng/ul	97
72) Phenanthrene	17.460	178	504696	28.410	ng/ul	98
74) Anthracene	17.549	178	495668	26.999	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.471	216	111778	26.713	ng/ul	93
76) Pentachlorobenzene	14.987	250	131838	27.624	ng/ul	99
77) Carbazole	17.819	167	456261	29.531	ng/ul	98
78) Di-n-butylphthalate	18.365	149	550783	27.766	ng/ul	98
80) Fluoranthene	19.464	202	605863	27.373	ng/ul#	93
82) Pyrene	19.828	202	627831	27.460	ng/ul#	92
83) Butylbenzylphthalate	20.704	149	254373	26.510	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.573	252	223137	29.498	ng/ul	98
85) Benzo(a)anthracene	21.655	228	651473	28.298	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.550	149	371368	26.971	ng/ul	97
87) Chrysene	21.720	228	604031	28.026	ng/ul	98
89) Di-n-octyl phthalate	22.754	149	651753	28.351	ng/ul	100
90) Benzo(b)fluoranthene	23.865	252	687465m	28.998	ng/ul	
91) Benzo(k)fluoranthene	23.929	252	688128	29.108	ng/ul	93
93) Benzo(a)pyrene	24.734	252	601545	26.796	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.547	276	825403	28.772	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.612	278	670501	28.299	ng/ul#	96
96) Benzo(g,h,i)perylene	29.693	276	643421	28.192	ng/ul#	97

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

