

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059654.D
 Acq On : 5 Nov 2023 13:39
 Operator : MA/JU
 Sample : PB156686BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS686

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 02:05:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	30214	20.000	ng/u1	0.00
20) Naphthalene-d8	11.197	136	123144	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.981	164	99961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	210323	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.067	240	224626	20.000	ng/u1	0.00
88) Perylene-d12	25.674	264	262059m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	5609m	6.958	ng/uL	0.00
4) Pyridine-d5	4.076	84	84577	35.677	ng/u1	0.00
7) Phenol-d5	7.460	99	106311	34.415	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.666	67	47718	28.892	ng/u1	0.00
11) 2-Chlorophenol-d4	7.866	132	76247	36.344	ng/u1	0.00
15) 4-Methylphenol-d8	9.041	113	108995	43.113	ng/u1	0.00
21) Nitrobenzene-d5	9.552	128	36494	40.523	ng/u1	0.00
24) 2-Nitrophenol-d4	10.269	143	46959	43.208	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.797	165	87214	45.168	ng/u1	0.00
31) 4-Chloroaniline-d4	11.338	131	121205	39.890	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	320583	39.961	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	364179	38.069	ng/u1	0.00
54) 4-Nitrophenol-d4	15.151	143	56418	39.831	ng/u1	0.00
60) Fluorene-d10	15.968	176	284786	37.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.074	200	60042	45.102	ng/u1	0.00
73) Anthracene-d10	17.830	188	420485	38.199	ng/u1	0.00
81) Pyrene-d10	20.104	212	594712	41.372	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.421	264	611961	39.891	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.682	88	11190	12.149	ng/uL#	92
5) Pyridine	4.099	79	83334	33.286	ng/u1	96
6) Benzaldehyde	7.495	77	59154	30.289	ng/u1	99
8) Phenol	7.495	94	101667	33.054	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.760	93	67630	31.826	ng/u1	98
12) 2-Chlorophenol	7.901	128	78414	35.828	ng/u1#	79
13) 2-Methylphenol	8.770	108	105897	41.616	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.864	45	33604	35.357	ng/u1#	83
16) Acetophenone	9.193	105	180860	40.324	ng/u1#	85
17) N-Nitroso-di-n-propyla...	9.158	70	94401	39.838	ng/u1#	75
18) 4-Methylphenol	9.105	108	118671	43.561	ng/u1	93
19) Hexachloroethane	9.434	117	32222	33.584	ng/u1#	87
22) Nitrobenzene	9.593	77	113109	42.256	ng/u1#	94
23) Isophorone	10.098	82	225254	36.542	ng/u1	96
25) 2-Nitrophenol	10.298	139	49795	42.562	ng/u1#	51
26) 2,4-Dimethylphenol	10.322	107	95153	32.080	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.580	93	91551	34.427	ng/u1	99
29) 2,4-Dichlorophenol	10.821	162	81044	43.422	ng/u1	93
30) Naphthalene	11.250	128	275622	38.228	ng/u1	99
32) 4-Chloroaniline	11.367	127	106100m	36.705	ng/u1	
33) Hexachlorobutadiene	11.479	225	56376	42.944	ng/u1	91
34) Caprolactam	12.149	113	27672m	42.510	ng/u1	
35) 4-Chloro-3-methylphenol	12.437	107	113084	44.737	ng/u1	87
36) 2-Methylnaphthalene	12.830	142	218432	41.576	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059654.D
 Acq On : 5 Nov 2023 13:39
 Operator : MA/JU
 Sample : PB156686BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS686

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 02:05:03 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Nov 04 02:46:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.048	142	218791	40.776	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.171	216	105580	37.807	ng/ul#	90
40) Hexachlorocyclopentadiene	13.124	237	58286	28.988	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.412	196	77707	42.812	ng/ul	96
42) 2,4,5-Trichlorophenol	13.477	196	83494	41.653	ng/ul	87
43) 1,1'-Biphenyl	13.817	154	317150	37.114	ng/ul#	90
44) 2-Chloronaphthalene	13.870	162	239052	37.554	ng/ul	94
45) 2-Nitroaniline	14.088	65	75547	47.354	ng/ul#	80
47) Dimethylphthalate	14.423	163	324197	39.704	ng/ul#	98
48) 2,6-Dinitrotoluene	14.564	165	57893	39.344	ng/ul#	89
50) Acenaphthylene	14.710	152	397909	36.866	ng/ul	95
51) 3-Nitroaniline	14.904	138	64303	39.713	ng/ul#	87
52) Acenaphthene	15.045	153	260243	36.572	ng/ul	97
53) 2,4-Dinitrophenol	15.098	184	43337	41.833	ng/ul#	77
55) 4-Nitrophenol	15.169	109	114095	45.311	ng/ul#	88
56) Dibenzofuran	15.380	168	361124	37.394	ng/ul	98
57) 2,4-Dinitrotoluene	15.345	165	87246	39.673	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.580	232	73514	42.370	ng/ul#	85
59) Diethylphthalate	15.768	149	347200	40.423	ng/ul	99
61) Fluorene	16.027	166	315521	38.066	ng/ul	88
62) 4-Chlorophenyl-phenyle...	16.009	204	160068	39.692	ng/ul	97
63) 4-Nitroaniline	16.062	138	62982	40.229	ng/ul#	71
66) 4,6-Dinitro-2-methylph...	16.091	198	61876	47.891	ng/ul#	98
67) N-Nitrosodiphenylamine	16.226	169	269287	39.054	ng/ul	97
68) 4-Bromophenyl-phenylether	16.902	248	103805	46.694	ng/ul	94
69) Hexachlorobenzene	16.996	284	101534	48.779	ng/ul#	82
70) Atrazine	17.161	200	71827	30.417	ng/ul#	91
71) Pentachlorophenol	17.349	266	67513	46.497	ng/ul	99
72) Phenanthrene	17.777	178	514548	41.764	ng/ul	96
74) Anthracene	17.866	178	503018	38.649	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.776	216	108486	42.181	ng/uL#	80
76) Pentachlorobenzene	15.269	250	108861	41.869	ng/uL	93
77) Carbazole	18.142	167	453837	40.513	ng/ul	100
78) Di-n-butylphthalate	18.647	149	523265	41.265	ng/ul#	96
80) Fluoranthene	19.769	202	729163	41.369	ng/ul#	93
82) Pyrene	20.134	202	741182	41.785	ng/ul#	92
83) Butylbenzylphthalate	20.991	149	304244	45.758	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.955	252	247913	44.635	ng/ul#	97
85) Benzo(a)anthracene	22.043	228	729702	41.438	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.879	149	426928	43.002	ng/ul#	97
87) Chrysene	22.119	228	662982	41.468	ng/ul	94
89) Di-n-octyl phthalate	23.230	149	733393	50.750	ng/ul	100
90) Benzo(b)fluoranthene	24.505	252	796953	44.655	ng/ul	93
91) Benzo(k)fluoranthene	24.581	252	730345	40.121	ng/ul#	98
93) Benzo(a)pyrene	25.504	252	693386	40.186	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.852	276	908881m	41.192	ng/ul	
95) Dibenzo(a,h)anthracene	29.940	278	752687	41.114	ng/ul#	97
96) Benzo(g,h,i)perylene	31.179	276	699010	40.353	ng/ul	96

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

