

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062938.D
 Acq On : 19 Sep 2024 10:53
 Operator : JU/RC
 Sample : PB163437BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS437

Quant Time: Sep 19 11:57:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	47165	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	206149	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.488	164	166594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.243	188	381192m	20.000	ng/u1	0.00
79) Chrysene-d12	21.491	240	388113m	20.000	ng/u1	0.00
88) Perylene-d12	24.541	264	444976	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	8174	5.076	ng/uL	0.00
4) Pyridine-d5	3.736	84	111988	25.617	ng/u1	0.00
7) Phenol-d5	7.032	99	138039	28.205	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.190	67	79237	28.931	ng/u1	0.00
11) 2-Chlorophenol-d4	7.390	132	89823	27.955	ng/u1	0.00
15) 4-Methylphenol-d8	8.565	113	98426	27.453	ng/u1	0.00
21) Nitrobenzene-d5	9.012	128	45331	27.602	ng/u1	0.00
24) 2-Nitrophenol-d4	9.729	143	55344	29.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	105152	27.201	ng/u1	0.00
31) 4-Chloroaniline-d4	10.780	131	114435	23.787	ng/u1	0.00
46) Dimethylphthalate-d6	13.900	166	337200	27.219	ng/u1	0.00
49) Acenaphthylene-d8	14.182	160	356787	25.786	ng/u1	0.00
54) 4-Nitrophenol-d4	14.699	143	52107	26.247	ng/u1	0.00
60) Fluorene-d10	15.487	176	308986	26.787	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	74998	32.547	ng/u1	0.00
73) Anthracene-d10	17.343	188	479065m	26.592	ng/u1	0.00
81) Pyrene-d10	19.635	212	624872	26.583	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.329	264	658612	28.065	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	13863	8.700	ng/uL#	84
5) Pyridine	3.753	79	115004	26.418	ng/u1	95
6) Benzaldehyde	6.997	77	68008	25.390	ng/u1	96
8) Phenol	7.061	94	144058	28.216	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.284	93	96057	27.828	ng/u1#	82
12) 2-Chlorophenol	7.425	128	93650	28.394	ng/u1	99
13) 2-Methylphenol	8.301	108	98406	27.866	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.377	45	105752	24.692	ng/u1#	93
16) Acetophenone	8.671	105	160599	28.478	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.665	70	91270	27.716	ng/u1#	96
18) 4-Methylphenol	8.630	108	103967	26.901	ng/u1	96
19) Hexachloroethane	8.935	117	38221	27.278	ng/u1	86
22) Nitrobenzene	9.053	77	138807	28.469	ng/u1#	92
23) Isophorone	9.576	82	258264	26.598	ng/u1	97
25) 2-Nitrophenol	9.764	139	57597	28.151	ng/u1#	75
26) 2,4-Dimethylphenol	9.828	107	94050	20.517	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.058	93	140555	27.229	ng/u1	97
29) 2,4-Dichlorophenol	10.299	162	106541	27.841	ng/u1	92
30) Naphthalene	10.698	128	304183	26.575	ng/u1#	92
32) 4-Chloroaniline	10.804	127	100461	21.448	ng/u1	97
33) Hexachlorobutadiene	10.986	225	94325	30.839	ng/u1	98
34) Caprolactam	11.556	113	32574m	25.569	ng/u1	
35) 4-Chloro-3-methylphenol	11.938	107	119191	27.100	ng/u1	96
36) 2-Methylnaphthalene	12.308	142	216302	26.223	ng/u1	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062938.D
 Acq On : 19 Sep 2024 10:53
 Operator : JU/RC
 Sample : PB163437BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS437

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 11:57:33 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 18 00:45:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.525	142	212867	25.500	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.678	216	160389	27.165	ng/ul	94
40) Hexachlorocyclopentadiene	12.660	237	79343	25.331	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.919	196	84529	22.976	ng/ul	91
42) 2,4,5-Trichlorophenol	12.995	196	98983	25.609	ng/ul	91
43) 1,1'-Biphenyl	13.319	154	310888	25.122	ng/ul#	95
44) 2-Chloronaphthalene	13.366	162	252760	25.414	ng/ul	95
45) 2-Nitroaniline	13.565	65	97254	28.923	ng/ul	96
47) Dimethylphthalate	13.947	163	334941	26.425	ng/ul	98
48) 2,6-Dinitrotoluene	14.071	165	65820	27.215	ng/ul	94
50) Acenaphthylene	14.212	152	382119	26.231	ng/ul	98
51) 3-Nitroaniline	14.394	138	60732	28.001	ng/ul#	89
52) Acenaphthene	14.552	153	264074	24.958	ng/ul	98
53) 2,4-Dinitrophenol	14.605	184	39301	27.207	ng/ul	90
55) 4-Nitrophenol	14.717	109	70278	31.349	ng/ul	86
56) Dibenzofuran	14.893	168	403877	25.739	ng/ul	94
57) 2,4-Dinitrotoluene	14.858	165	99663	27.341	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.116	232	76117	21.884	ng/ul	95
59) Diethylphthalate	15.316	149	336357	23.850	ng/ul	99
61) Fluorene	15.539	166	304764	25.384	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.534	204	178553	26.952	ng/ul	95
63) 4-Nitroaniline	15.563	138	64077	29.437	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.622	198	72457m	29.394	ng/ul	
67) N-Nitrosodiphenylamine	15.751	169	292214	27.297	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	124762	29.440	ng/ul	97
69) Hexachlorobenzene	16.550	284	153923	31.458	ng/ul	92
70) Atrazine	16.703	200	3028m	0.682	ng/ul	
71) Pentachlorophenol	16.891	266	56525m	20.259	ng/ul	
72) Phenanthrene	17.284	178	545281m	26.927	ng/ul	
74) Anthracene	17.373	178	549657	26.286	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.289	216	161196	27.731	ng/ul	92
76) Pentachlorobenzene	14.811	250	169469	27.623	ng/ul	90
77) Carbazole	17.643	167	460640	27.670	ng/ul	94
78) Di-n-butylphthalate	18.207	149	553983	25.873	ng/ul	97
80) Fluoranthene	19.300	202	685133	26.708	ng/ul#	94
82) Pyrene	19.664	202	705019	25.779	ng/ul#	94
83) Butylbenzylphthalate	20.563	149	242435	25.506	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.397	252	241466m	27.740	ng/ul	
85) Benzo(a)anthracene	21.474	228	739160m	26.883	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.391	149	338623m	24.658	ng/ul	
87) Chrysene	21.538	228	711925	27.674	ng/ul	97
89) Di-n-octyl phthalate	22.543	149	606597	25.740	ng/ul	100
90) Benzo(b)fluoranthene	23.577	252	758994	28.017	ng/ul#	97
91) Benzo(k)fluoranthene	23.642	252	760464	28.176	ng/ul#	94
93) Benzo(a)pyrene	24.394	252	685910	26.934	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.966	276	881780	28.257	ng/ul#	88
95) Dibenzo(a,h)anthracene	28.019	278	725011	29.063	ng/ul#	94
96) Benzo(g,h,i)perylene	29.041	276	668419	27.897	ng/ul	96

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

