

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
 Data File : BG059268.D
 Acq On : 3 Oct 2023 17:13
 Operator : MA/JU
 Sample : 04480-18MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJN2MS

Quant Time: Oct 04 00:11:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	68820	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	324208	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.865	164	201401	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	445607	20.000	ng/u1	0.00
79) Chrysene-d12	21.915	240	394605	20.000	ng/u1	0.00
88) Perylene-d12	25.400	264	452825	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	7383	4.049	ng/uL	0.00
4) Pyridine-d5	3.966	84	46125	8.669	ng/u1	0.00
7) Phenol-d5	7.356	99	37680	5.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	114260	25.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.750	132	102727	22.184	ng/u1	0.00
15) 4-Methylphenol-d8	8.931	113	67107	12.602	ng/u1	0.00
21) Nitrobenzene-d5	9.430	128	72164	31.543	ng/u1	0.00
24) 2-Nitrophenol-d4	10.147	143	74891	33.345	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	132037	28.618	ng/u1	0.00
31) 4-Chloroaniline-d4	11.222	131	171143	22.927	ng/u1	0.00
46) Dimethylphthalate-d6	14.266	166	508886	34.948	ng/u1	0.00
49) Acenaphthylene-d8	14.571	160	596611	32.643	ng/u1	0.00
54) 4-Nitrophenol-d4	15.053	143	18541	7.292	ng/u1	0.00
60) Fluorene-d10	15.852	176	474033	34.204	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	87806	38.335	ng/u1	0.00
73) Anthracene-d10	17.715	188	704366	34.691	ng/u1	0.00
81) Pyrene-d10	19.988	212	794622	35.959	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.153	264	799443	36.738	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.566	88	8654	4.040	ng/uL#	72
5) Pyridine	3.989	79	46893	8.679	ng/u1#	81
6) Benzaldehyde	7.380	77	94803	31.338	ng/u1	95
8) Phenol	7.391	94	39409	5.751	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.650	93	158726	28.242	ng/u1	92
12) 2-Chlorophenol	7.785	128	109066	22.338	ng/u1	100
13) 2-Methylphenol	8.660	108	80796	15.605	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.743	45	338263	27.225	ng/u1	97
16) Acetophenone	9.078	105	234583	28.444	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.036	70	118652	28.363	ng/u1	100
18) 4-Methylphenol	8.995	108	78765	14.358	ng/u1	99
19) Hexachloroethane	9.318	117	47605	24.750	ng/u1	88
22) Nitrobenzene	9.477	77	178407	31.591	ng/u1	96
23) Isophorone	9.982	82	386667	31.839	ng/u1	96
25) 2-Nitrophenol	10.182	139	83752	33.844	ng/u1	96
26) 2,4-Dimethylphenol	10.206	107	110988	20.976	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.464	93	233486	30.471	ng/u1	96
29) 2,4-Dichlorophenol	10.705	162	131877	28.755	ng/u1	98
30) Naphthalene	11.128	128	505337	29.071	ng/u1	97
32) 4-Chloroaniline	11.246	127	170465	23.881	ng/u1	99
33) Hexachlorobutadiene	11.357	225	84186	27.428	ng/u1	89
34) Caprolactam	12.033	113	6799m	4.285	ng/u1	
35) 4-Chloro-3-methylphenol	12.321	107	135935	27.779	ng/u1	90
36) 2-Methylnaphthalene	12.709	142	354901	31.165	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
 Data File : BG059268.D
 Acq On : 3 Oct 2023 17:13
 Operator : MA/JU
 Sample : 04480-18MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJN2MS

Quant Time: Oct 04 00:11:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.926	142	351396	30.403	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.055	216	187566	31.107	ng/ul	96
40) Hexachlorocyclopentadiene	13.008	237	91430	24.582	ng/ul	98
41) 2,4,6-Trichlorophenol	13.302	196	128280	34.749	ng/ul	86
42) 2,4,5-Trichlorophenol	13.367	196	137526	35.503	ng/ul	97
43) 1,1'-Biphenyl	13.702	154	519012	31.909	ng/ul	99
44) 2-Chloronaphthalene	13.754	162	401146	32.756	ng/ul	96
45) 2-Nitroaniline	13.978	65	145351	42.078	ng/ul	93
47) Dimethylphthalate	14.313	163	541378	36.299	ng/ul	100
48) 2,6-Dinitrotoluene	14.459	165	108026	42.585	ng/ul	94
50) Acenaphthylene	14.601	152	654499	33.549	ng/ul	97
51) 3-Nitroaniline	14.794	138	100521	36.708	ng/ul#	96
52) Acenaphthene	14.930	153	457826	34.189	ng/ul	95
53) 2,4-Dinitrophenol	14.988	184	53309	37.805	ng/ul#	83
55) 4-Nitrophenol	15.071	109	13937	7.770	ng/ul	97
56) Dibenzofuran	15.264	168	606262	34.155	ng/ul	95
57) 2,4-Dinitrotoluene	15.235	165	153548	40.880	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.470	232	131971	37.634	ng/ul#	94
59) Diethylphthalate	15.652	149	519392	36.023	ng/ul	97
61) Fluorene	15.911	166	532802	35.749	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.893	204	261544	35.203	ng/ul	97
63) 4-Nitroaniline	15.958	138	100957	40.061	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.981	198	94621	39.179	ng/ul#	92
67) N-Nitrosodiphenylamine	16.110	169	423872	35.685	ng/ul	98
68) 4-Bromophenyl-phenylether	16.792	248	157614	36.511	ng/ul	98
69) Hexachlorobenzene	16.880	284	177820	36.461	ng/ul	96
70) Atrazine	17.051	200	155415	34.410	ng/ul	98
71) Pentachlorophenol	17.239	266	107417	38.270	ng/ul#	91
72) Phenanthrene	17.656	178	882029	36.068	ng/ul	98
74) Anthracene	17.750	178	911239	36.087	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.666	216	188891	32.167	ng/uL	98
76) Pentachlorobenzene	15.159	250	188951	32.588	ng/uL	98
77) Carbazole	18.026	167	766529	37.246	ng/ul	99
78) Di-n-butylphthalate	18.531	149	930843	38.155	ng/ul	99
80) Fluoranthene	19.653	202	1019549	37.452	ng/ul	98
82) Pyrene	20.018	202	1043537	36.190	ng/ul	99
83) Butylbenzylphthalate	20.870	149	405412	39.870	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.810	252	313190	34.271	ng/ul	100
85) Benzo(a)anthracene	21.898	228	1020422	36.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.727	149	611429	39.599	ng/ul	98
87) Chrysene	21.968	228	958227	36.524	ng/ul	98
89) Di-n-octyl phthalate	23.020	149	1015550	38.561	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	1053716	37.993	ng/ul	98
91) Benzo(k)fluoranthene	24.342	252	1054847	37.536	ng/ul	99
93) Benzo(a)pyrene	25.235	252	985722	37.465	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.418	276	1127182	37.846	ng/ul	99
95) Dibenzo(a,h)anthracene	29.501	278	911615	37.639	ng/ul	98
96) Benzo(g,h,i)perylene	30.699	276	904641	37.356	ng/ul	94

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

