

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
 Data File : BG059494.D
 Acq On : 19 Oct 2023 18:30
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020455

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Oct 20 04:18:20 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 20 03:52:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.191	152	40694	20.000	ng/u1	0.00
20) Naphthalene-d8	11.029	136	185544	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.830	164	117071	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.580	188	283994	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.869	240	352591	20.000	ng/u1	# 0.00
88) Perylene-d12	25.318	264	334771	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	10108	7.836	ng/uL	0.00
4) Pyridine-d5	3.914	84	72714	16.415	ng/u1	0.00
7) Phenol-d5	7.316	99	89168	21.989	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	52052	22.394	ng/u1	0.00
11) 2-Chlorophenol-d4	7.703	132	68538	21.160	ng/u1	0.00
15) 4-Methylphenol-d8	8.884	113	70268	20.114	ng/u1	0.00
21) Nitrobenzene-d5	9.390	128	34559	19.086	ng/u1	0.00
24) 2-Nitrophenol-d4	10.106	143	34943	19.605	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.635	165	67657	20.518	ng/u1	0.00
31) 4-Chloroaniline-d4	11.176	131	98296	20.076	ng/u1	0.00
46) Dimethylphthalate-d6	14.225	166	200711	17.655	ng/u1	0.00
49) Acenaphthylene-d8	14.531	160	245768	18.779	ng/u1	0.00
54) 4-Nitrophenol-d4	15.018	143	36670	19.664	ng/u1	0.00
60) Fluorene-d10	15.817	176	193093	19.892	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.935	200	37859	19.822	ng/u1	0.00
73) Anthracene-d10	17.680	188	296242	18.943	ng/u1	0.00
81) Pyrene-d10	19.954	212	362970	15.689	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.071	264	378209	19.742	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.514	88	11155	7.600	ng/uL	93
5) Pyridine	3.937	79	75349	16.420	ng/u1	91
6) Benzaldehyde	7.333	77	45579	24.966	ng/u1	93
8) Phenol	7.345	94	90466	22.564	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.603	93	69166	19.984	ng/u1	93
12) 2-Chlorophenol	7.739	128	68619	21.012	ng/u1	92
13) 2-Methylphenol	8.620	108	61149	17.945	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.696	45	143379m	18.590	ng/u1	
16) Acetophenone	9.031	105	101949	19.331	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.996	70	49111	17.925	ng/u1#	96
18) 4-Methylphenol	8.949	108	71834	19.501	ng/u1	90
19) Hexachloroethane	9.272	117	26195	19.497	ng/u1	90
22) Nitrobenzene	9.431	77	75091	18.012	ng/u1#	94
23) Isophorone	9.936	82	148141	18.527	ng/u1	97
25) 2-Nitrophenol	10.136	139	38321	20.428	ng/u1	94
26) 2,4-Dimethylphenol	10.165	107	69073	19.386	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.418	93	93213	18.757	ng/u1	96
29) 2,4-Dichlorophenol	10.665	162	66519	20.071	ng/u1	98
30) Naphthalene	11.082	128	230621	19.779	ng/u1	96
32) 4-Chloroaniline	11.199	127	95005	20.450	ng/u1#	88
33) Hexachlorobutadiene	11.311	225	42259	19.878	ng/u1#	86
34) Caprolactam	11.987	113	21289m	20.498	ng/u1	
35) 4-Chloro-3-methylphenol	12.280	107	65851	20.214	ng/u1	97
36) 2-Methylnaphthalene	12.668	142	152466	19.813	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.885	142	150119	19.140	ng/ul	95	10/20/2023
39) 1,2,4,5-Tetrachloroben...	13.015	216	78936	20.011	ng/ul	98	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.968	237	43276	19.682	ng/ul	99	
41) 2,4,6-Trichlorophenol	13.262	196	49182	20.312	ng/ul	85	
42) 2,4,5-Trichlorophenol	13.332	196	56786	20.507	ng/ul	94	
43) 1,1'-Biphenyl	13.661	154	215643	19.660	ng/ul	97	
44) 2-Chloronaphthalene	13.714	162	166549	19.313	ng/ul	99	
45) 2-Nitroaniline	13.937	65	48623	17.293	ng/ul#	81	10/20/2023
47) Dimethylphthalate	14.272	163	208686	18.593	ng/ul	97	
48) 2,6-Dinitrotoluene	14.419	165	40140	18.168	ng/ul	93	
50) Acenaphthylene	14.560	152	259514	18.416	ng/ul	95	
51) 3-Nitroaniline	14.754	138	44137	20.726	ng/ul#	86	
52) Acenaphthene	14.895	153	175963	19.379	ng/ul	96	
53) 2,4-Dinitrophenol	14.954	184	19901	17.757	ng/ul	89	
55) 4-Nitrophenol	15.036	109	25869	20.019	ng/ul	95	
56) Dibenzofuran	15.224	168	241772	19.747	ng/ul	100	
57) 2,4-Dinitrotoluene	15.195	165	59921	19.819	ng/ul#	99	
58) 2,3,4,6-Tetrachlorophenol	15.435	232	49838	20.088	ng/ul#	98	
59) Diethylphthalate	15.618	149	200631	19.586	ng/ul	99	
61) Fluorene	15.876	166	203564	19.863	ng/ul	95	
62) 4-Chlorophenyl-phenyle...	15.853	204	105990	20.271	ng/ul	96	
63) 4-Nitroaniline	15.917	138	44394	21.526	ng/ul#	84	
66) 4,6-Dinitro-2-methylph...	15.947	198	40212	19.852	ng/ul#	92	
67) N-Nitrosodiphenylamine	16.076	169	167536	19.094	ng/ul	95	
68) 4-Bromophenyl-phenylether	16.752	248	60624	18.926	ng/ul	92	
69) Hexachlorobenzene	16.846	284	70132	19.329	ng/ul	95	
70) Atrazine	17.010	200	66958	21.398	ng/ul	93	
71) Pentachlorophenol	17.204	266	38018	18.656	ng/ul	90	
72) Phenanthrene	17.621	178	357766	19.304	ng/ul	98	
74) Anthracene	17.709	178	365220	19.141	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.626	216	79391	19.002	ng/ul	94	
76) Pentachlorobenzene	15.118	250	77267	18.882	ng/ul	96	
77) Carbazole	17.991	167	319930	20.921	ng/ul	99	
78) Di-n-butylphthalate	18.491	149	372722	19.970	ng/ul	98	
80) Fluoranthene	19.619	202	437372	15.330	ng/ul	99	
82) Pyrene	19.983	202	460690	15.319	ng/ul	98	
83) Butylbenzylphthalate	20.835	149	165864	15.890	ng/ul	95	
84) 3,3'-Dichlorobenzidine	21.763	252	205996	21.777	ng/ul#	98	
85) Benzo(a)anthracene	21.851	228	557563	19.105	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.681	149	325729	21.388	ng/ul	97	
87) Chrysene	21.922	228	529282	19.401	ng/ul	98	
89) Di-n-octyl phthalate	22.956	149	419468	20.739	ng/ul	100	
90) Benzo(b)fluoranthene	24.196	252	470664	19.746	ng/ul	98	
91) Benzo(k)fluoranthene	24.272	252	468501	19.011	ng/ul	100	
93) Benzo(a)pyrene	25.148	252	440359	19.394	ng/ul	94	
94) Indeno(1,2,3-cd)pyrene	29.278	276	503763	19.491	ng/ul	97	
95) Dibenzo(a,h)anthracene	29.360	278	379274	18.044	ng/ul	99	
96) Benzo(g,h,i)perylene	30.547	276	399581	18.410	ng/ul#	90	

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

