

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
 Data File : BG059491.D
 Acq On : 19 Oct 2023 16:07
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV433

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/20/2023
 Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 20 03:58:23 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	8.190	152	35867	20.000	ng/u1	0.00
20) Naphthalene-d8	11.033	136	160234	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.829	164	105895	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.579	188	260479	20.000	ng/u1	0.00
79) Chrysene-d12	21.874	240	253328	20.000	ng/u1	0.00
88) Perylene-d12	25.317	264	375913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	7591	6.677	ng/uL	0.00
4) Pyridine-d5	3.906	84	61495	15.751	ng/u1	0.00
7) Phenol-d5	7.314	99	84313	23.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	52111	25.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.702	132	60583	21.221	ng/u1	0.00
15) 4-Methylphenol-d8	8.883	113	66076	21.460	ng/u1	0.00
21) Nitrobenzene-d5	9.388	128	32703	20.914	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	35616	23.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.634	165	63828	22.414	ng/u1	0.00
31) 4-Chloroaniline-d4	11.174	131	99008	23.415	ng/u1	0.00
46) Dimethylphthalate-d6	14.224	166	214581	20.867	ng/u1	0.00
49) Acenaphthylene-d8	14.535	160	246430	20.817	ng/u1	0.00
54) 4-Nitrophenol-d4	15.023	143	41414	24.551	ng/u1	0.00
60) Fluorene-d10	15.822	176	195999	22.322	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	42221	24.101	ng/u1	0.00
73) Anthracene-d10	17.678	188	313905	21.884	ng/u1	0.00
81) Pyrene-d10	19.952	212	381694	22.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.082	264	485895	22.587	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.513	88	10308m	7.969	ng/uL	
5) Pyridine	3.924	79	49387	12.210	ng/u1	92
6) Benzaldehyde	7.332	77	43324	26.924	ng/u1	97
8) Phenol	7.343	94	80469	22.772	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.602	93	61812	20.263	ng/u1	90
12) 2-Chlorophenol	7.737	128	60197	20.913	ng/u1	95
13) 2-Methylphenol	8.618	108	59932	19.955	ng/u1	84
14) 2,2'-oxybis(1-Chloropr...	8.695	45	124615m	18.332	ng/u1	
16) Acetophenone	9.030	105	94323	20.292	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.989	70	43858	18.162	ng/u1	98
18) 4-Methylphenol	8.947	108	64980	20.014	ng/u1	94
19) Hexachloroethane	9.271	117	22180	18.731	ng/u1	91
22) Nitrobenzene	9.435	77	66618	18.504	ng/u1	98
23) Isophorone	9.935	82	130942	18.963	ng/u1	98
25) 2-Nitrophenol	10.140	139	34306	21.176	ng/u1	94
26) 2,4-Dimethylphenol	10.164	107	53974	17.541	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.422	93	81182	18.916	ng/u1#	94
29) 2,4-Dichlorophenol	10.657	162	58268	20.358	ng/u1	97
30) Naphthalene	11.080	128	203917	20.252	ng/u1	97
32) 4-Chloroaniline	11.204	127	90964	22.674	ng/u1	100
33) Hexachlorobutadiene	11.309	225	37247	20.288	ng/u1	91
34) Caprolactam	11.985	113	22745m	25.359	ng/u1	
35) 4-Chloro-3-methylphenol	12.279	107	59983	21.321	ng/u1	95
36) 2-Methylnaphthalene	12.673	142	140731	21.177	ng/u1	99

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37) 1-Methylnaphthalene	12.890	142	131369	19.395	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.013	216	78153	21.904	ng/ul	88
40) Hexachlorocyclopentadiene	12.966	237	34010	17.100	ng/ul	97
41) 2,4,6-Trichlorophenol	13.260	196	45591	20.816	ng/ul	96
42) 2,4,5-Trichlorophenol	13.331	196	53005	21.162	ng/ul	92
43) 1,1'-Biphenyl	13.665	154	205427	20.705	ng/ul	99
44) 2-Chloronaphthalene	13.718	162	152989	19.612	ng/ul	98
45) 2-Nitroaniline	13.936	65	47721	18.764	ng/ul	88
47) Dimethylphthalate	14.277	163	194285	19.137	ng/ul	100
48) 2,6-Dinitrotoluene	14.423	165	40714	20.373	ng/ul#	87
50) Acenaphthylene	14.564	152	236752	18.574	ng/ul	99
51) 3-Nitroaniline	14.758	138	47504	24.661	ng/ul#	86
52) Acenaphthene	14.893	153	163995	19.967	ng/ul	100
53) 2,4-Dinitrophenol	14.958	184	22547	22.241	ng/ul#	85
55) 4-Nitrophenol	15.034	109	25418	21.746	ng/ul	93
56) Dibenzofuran	15.228	168	233423	21.078	ng/ul	95
57) 2,4-Dinitrotoluene	15.199	165	58383	21.348	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.440	232	51778	23.072	ng/ul#	95
59) Diethylphthalate	15.616	149	189643	20.467	ng/ul	99
61) Fluorene	15.875	166	192970	20.817	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.857	204	94209	19.920	ng/ul	95
63) 4-Nitroaniline	15.922	138	48606m	26.056	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.945	198	38340	20.636	ng/ul#	93
67) N-Nitrosodiphenylamine	16.080	169	167543	20.818	ng/ul	97
68) 4-Bromophenyl-phenylether	16.756	248	58634	19.957	ng/ul	98
69) Hexachlorobenzene	16.850	284	67053	20.149	ng/ul	97
70) Atrazine	17.009	200	66444	23.150	ng/ul	94
71) Pentachlorophenol	17.203	266	39917m	21.356	ng/ul	
72) Phenanthrene	17.620	178	341567	20.094	ng/ul	97
74) Anthracene	17.714	178	356628	20.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.624	216	72895	19.022	ng/ul	94
76) Pentachlorobenzene	15.123	250	71690	19.101	ng/ul	93
77) Carbazole	17.990	167	322397	22.986	ng/ul	98
78) Di-n-butylphthalate	18.495	149	361628	21.124	ng/ul	99
80) Fluoranthene	19.617	202	423313	20.650	ng/ul	99
82) Pyrene	19.982	202	446711	20.674	ng/ul	97
83) Butylbenzylphthalate	20.834	149	157480	20.998	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.768	252	166743	24.534	ng/ul#	99
85) Benzo(a)anthracene	21.850	228	434267	20.711	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.686	149	228728	20.904	ng/ul	98
87) Chrysene	21.921	228	398018	20.306	ng/ul	97
89) Di-n-octyl phthalate	22.960	149	397899	17.520	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	567496	21.203	ng/ul	99
91) Benzo(k)fluoranthene	24.277	252	562016m	20.310	ng/ul	
93) Benzo(a)pyrene	25.158	252	491609	19.282	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.300	276	476540	16.420	ng/ul	98
95) Dibenzo(a,h)anthracene	29.371	278	387036	16.398	ng/ul	97
96) Benzo(g,h,i)perylene	30.563	276	380593	15.616	ng/ul	95

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

