

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
 Data File : BG056838.D
 Acq On : 6 Mar 2023 12:34
 Operator : CG/JU
 Sample : 01712-07MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DBZX0MS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 01:38:10 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 02 00:12:28 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	15264	20.000	ng/u1	0.00
20) Naphthalene-d8	11.252	136	67690	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.018	164	54028	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.750	188	133661	20.000	ng/u1	0.00
79) Chrysene-d12	22.057	240	124295	20.000	ng/u1	0.00
88) Perylene-d12	25.576	264	140509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	2096	7.617	ng/uL	0.00
4) Pyridine-d5	4.131	84	35561	32.017	ng/u1	0.00
7) Phenol-d5	7.539	99	45542	29.816	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.715	67	28616	30.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.938	132	30026	29.601	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	33731	28.901	ng/u1	0.00
21) Nitrobenzene-d5	9.589	128	16535	29.148	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	18630	27.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.858	165	39446	31.009	ng/u1	0.00
31) 4-Chloroaniline-d4	11.375	131	44705	26.944	ng/u1	0.00
46) Dimethylphthalate-d6	14.407	166	128277	29.427	ng/u1	0.00
49) Acenaphthylene-d8	14.718	160	149047	30.084	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	20080	26.718	ng/u1	0.00
60) Fluorene-d10	16.005	176	124345	30.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	24792	27.724	ng/u1	0.00
73) Anthracene-d10	17.850	188	186077	28.696	ng/u1	0.00
81) Pyrene-d10	20.112	212	233839	27.802	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.341	264	226919	29.920	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.737	88	5013	14.776	ng/uL	96
5) Pyridine	4.154	79	39883	33.907	ng/u1	93
6) Benzaldehyde	7.539	77	33797	42.234	ng/u1	94
8) Phenol	7.568	94	50004	32.095	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.809	93	33938	30.658	ng/u1	100
12) 2-Chlorophenol	7.968	128	30462	30.325	ng/u1	94
13) 2-Methylphenol	8.837	108	35183	29.938	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.937	45	46646	31.358	ng/u1	98
16) Acetophenone	9.243	105	62312	31.177	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.213	70	34377	29.977	ng/u1	95
18) 4-Methylphenol	9.166	108	40002	31.326	ng/u1	99
19) Hexachloroethane	9.519	117	12605	29.508	ng/u1#	82
22) Nitrobenzene	9.630	77	55494	33.736	ng/u1	99
23) Isophorone	10.153	82	97938	30.453	ng/u1	98
25) 2-Nitrophenol	10.347	139	19701	29.557	ng/u1#	94
26) 2,4-Dimethylphenol	10.388	107	45684	30.689	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.629	93	50243	30.908	ng/u1#	97
29) 2,4-Dichlorophenol	10.882	162	39235	31.850	ng/u1	98
30) Naphthalene	11.305	128	113521	30.468	ng/u1	98
32) 4-Chloroaniline	11.399	127	43687	26.581	ng/u1	95
33) Hexachlorobutadiene	11.581	225	31258	31.838	ng/u1	92
34) Caprolactam	12.145	113	12080m	28.845	ng/u1	
35) 4-Chloro-3-methylphenol	12.480	107	43335	30.621	ng/u1	96
36) 2-Methylnaphthalene	12.874	142	81454	30.526	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.091	142	82922	31.518	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.232	216	61400	32.054	ng/ul	95
40) Hexachlorocyclopentadiene	13.208	237	35321	25.733	ng/ul	97
41) 2,4,6-Trichlorophenol	13.461	196	39640	30.971	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.532	196	43105	31.016	ng/ul	94
43) 1,1'-Biphenyl	13.861	154	122185	30.755	ng/ul	96
44) 2-Chloronaphthalene	13.908	162	103439	31.468	ng/ul	93
45) 2-Nitroaniline	14.102	65	35409	31.034	ng/ul	91
47) Dimethylphthalate	14.454	163	131845	29.742	ng/ul#	99
48) 2,6-Dinitrotoluene	14.577	165	27923	30.728	ng/ul	88
50) Acenaphthylene	14.748	152	153455	30.660	ng/ul	98
51) 3-Nitroaniline	14.906	138	24497	30.121	ng/ul#	89
52) Acenaphthene	15.083	153	107993	31.409	ng/ul	95
53) 2,4-Dinitrophenol	15.106	184	17102	29.377	ng/ul	89
55) 4-Nitrophenol	15.194	109	25892	29.763	ng/ul	92
56) Dibenzofuran	15.412	168	161936	31.026	ng/ul	96
57) 2,4-Dinitrotoluene	15.359	165	38260	29.368	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.629	232	39938	30.880	ng/ul#	98
59) Diethylphthalate	15.800	149	129838	29.260	ng/ul	98
61) Fluorene	16.058	166	127011	30.391	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.040	204	76561	30.928	ng/ul	99
63) 4-Nitroaniline	16.064	138	25195	31.706	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.123	198	24854	28.870	ng/ul	96
67) N-Nitrosodiphenylamine	16.246	169	110395	29.701	ng/ul	97
68) 4-Bromophenyl-phenylether	16.928	248	53207	31.412	ng/ul	97
69) Hexachlorobenzene	17.057	284	56859	31.245	ng/ul	96
70) Atrazine	17.180	200	46560	28.843	ng/ul	95
71) Pentachlorophenol	17.392	266	31196m	30.191	ng/ul	
72) Phenanthrene	17.797	178	219108	30.263	ng/ul	97
74) Anthracene	17.885	178	217045	29.665	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.831	216	65814	32.186	ng/uL	96
76) Pentachlorobenzene	15.335	250	66461	32.047	ng/uL	98
77) Carbazole	18.144	167	186839	30.520	ng/ul	98
78) Di-n-butylphthalate	18.673	149	207011	29.340	ng/ul	99
80) Fluoranthene	19.777	202	281761	27.706	ng/ul	99
82) Pyrene	20.136	202	276313	27.579	ng/ul	100
83) Butylbenzylphthalate	20.993	149	85153	26.791	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.934	252	79658	25.561	ng/ul	97
85) Benzo(a)anthracene	22.039	228	282974	31.280	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.898	149	128113	28.694	ng/ul	100
87) Chrysene	22.110	228	262879	31.200	ng/ul	100
89) Di-n-octyl phthalate	23.209	149	215692	28.236	ng/ul	100
90) Benzo(b)fluoranthene	24.454	252	296050	31.474	ng/ul	99
91) Benzo(k)fluoranthene	24.531	252	277504	30.289	ng/ul	99
93) Benzo(a)pyrene	25.412	252	248376	30.040	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.642	276	346276	30.829	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.713	278	285118	30.360	ng/ul	93
96) Benzo(g,h,i)perylene	30.911	276	281277m	31.351	ng/ul	

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

