

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052738.D
 Acq On : 19 Mar 2022 9:55
 Operator : CG/JU
 Sample : N1883-10MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DBSA8MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022

Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 21 00:48:30 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 18 00:55:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	42195	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	171514	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.770	164	120778	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.513	188	284894	20.000	ng/u1	0.00
79) Chrysene-d12	21.801	240	287168	20.000	ng/u1	0.00
88) Perylene-d12	25.120	264	313646	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	4779m	4.001	ng/uL	0.00
4) Pyridine-d5	3.978	84	65999	22.131	ng/u1	0.00
7) Phenol-d5	7.292	99	94709	25.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.468	67	58556	25.369	ng/u1	0.00
11) 2-Chlorophenol-d4	7.679	132	64877	25.282	ng/u1	0.00
15) 4-Methylphenol-d8	8.842	113	69452	25.369	ng/u1	0.00
21) Nitrobenzene-d5	9.306	128	33023	26.747	ng/u1	0.00
24) 2-Nitrophenol-d4	10.035	143	35730	27.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	73497	25.943	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	91971	24.563	ng/u1	0.00
46) Dimethylphthalate-d6	14.165	166	244884	26.392	ng/u1	0.00
49) Acenaphthylene-d8	14.464	160	293553	26.036	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	40438	25.921	ng/u1	0.00
60) Fluorene-d10	15.757	176	213285	26.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	38344	26.447	ng/u1	0.00
73) Anthracene-d10	17.607	188	343005	25.855	ng/u1	0.00
81) Pyrene-d10	19.892	212	436023	27.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.891	264	429027	26.473	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.597	88	16515m	11.284	ng/uL	
5) Pyridine	3.996	79	115206	35.752	ng/u1	95
6) Benzaldehyde	7.280	77	95299m	37.931	ng/u1	
8) Phenol	7.321	94	144094	39.561	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.556	93	102764	37.399	ng/u1	98
12) 2-Chlorophenol	7.709	128	96807	36.923	ng/u1	95
13) 2-Methylphenol	8.578	108	107953	38.135	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.678	45	170877	38.259	ng/u1	97
16) Acetophenone	8.972	105	156830	36.721	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.954	70	91795	36.869	ng/u1	96
18) 4-Methylphenol	8.907	108	111428	37.781	ng/u1	97
19) Hexachloroethane	9.248	117	41617	35.775	ng/u1	93
22) Nitrobenzene	9.348	77	139214	38.590	ng/u1	96
23) Isophorone	9.882	82	256181	37.152	ng/u1	99
25) 2-Nitrophenol	10.070	139	54228	40.158	ng/u1	99
26) 2,4-Dimethylphenol	10.117	107	118383	35.380	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.358	93	141777	36.973	ng/u1	98
29) 2,4-Dichlorophenol	10.599	162	102482	37.207	ng/u1	98
30) Naphthalene	11.016	128	320524	36.112	ng/u1	98
32) 4-Chloroaniline	11.110	127	128021	34.796	ng/u1	98
33) Hexachlorobutadiene	11.304	225	84414	37.526	ng/u1	96
34) Caprolactam	11.874	113	34134m	41.147	ng/u1	
35) 4-Chloro-3-methylphenol	12.220	107	115652	38.707	ng/u1	92
36) 2-Methylnaphthalene	12.608	142	229500	36.639	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.825	142	233646	36.845	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.972	216	145745	36.508	ng/ul	99
40) Hexachlorocyclopentadiene	12.960	237	97345	35.223	ng/ul	96
41) 2,4,6-Trichlorophenol	13.201	196	95106	38.987	ng/ul	98
42) 2,4,5-Trichlorophenol	13.272	196	104717	39.751	ng/ul	96
43) 1,1'-Biphenyl	13.607	154	311621	36.106	ng/ul	99
44) 2-Chloronaphthalene	13.654	162	249869	36.155	ng/ul	99
45) 2-Nitroaniline	13.842	65	84441	41.682	ng/ul	97
47) Dimethylphthalate	14.212	163	325576	36.769	ng/ul	98
48) 2,6-Dinitrotoluene	14.329	165	65899	41.084	ng/ul#	94
50) Acenaphthylene	14.494	152	395012	36.275	ng/ul	99
51) 3-Nitroaniline	14.658	138	64002	39.530	ng/ul	95
52) Acenaphthene	14.834	153	265948	37.385	ng/ul	99
53) 2,4-Dinitrophenol	14.858	184	38632	38.768	ng/ul#	73
55) 4-Nitrophenol	14.952	109	64839	39.492	ng/ul	98
56) Dibenzofuran	15.163	168	388637	36.851	ng/ul	100
57) 2,4-Dinitrotoluene	15.116	165	93408	41.043	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.386	232	97411	41.023	ng/ul#	99
59) Diethylphthalate	15.574	149	343010	38.249	ng/ul	98
61) Fluorene	15.815	166	314415	35.967	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	173441	37.286	ng/ul	98
63) 4-Nitroaniline	15.821	138	65229	40.969	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.880	198	56381	39.746	ng/ul	99
67) N-Nitrosodiphenylamine	16.009	169	283259	36.773	ng/ul	95
68) 4-Bromophenyl-phenylether	16.696	248	114002	40.414	ng/ul	98
69) Hexachlorobenzene	16.820	284	139031	38.155	ng/ul	91
70) Atrazine	16.961	200	123509	39.124	ng/ul	99
71) Pentachlorophenol	17.161	266	87174	39.341	ng/ul	94
72) Phenanthrene	17.554	178	556270	37.203	ng/ul	98
74) Anthracene	17.648	178	543806	36.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.577	216	157969	37.230	ng/ul	98
76) Pentachlorobenzene	15.087	250	160173	39.346	ng/ul	98
77) Carbazole	17.907	167	502246	38.017	ng/ul	98
78) Di-n-butylphthalate	18.465	149	602600	38.358	ng/ul	98
80) Fluoranthene	19.557	202	732783	38.708	ng/ul	100
82) Pyrene	19.922	202	708324	37.643	ng/ul	97
83) Butylbenzylphthalate	20.803	149	268813	41.089	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.684	252	228388	35.484	ng/ul	93
85) Benzo(a)anthracene	21.778	228	701243	37.835	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.684	149	370985	40.942	ng/ul	99
87) Chrysene	21.848	228	667426	37.754	ng/ul	100
89) Di-n-octyl phthalate	22.935	149	640226	39.190	ng/ul	100
90) Benzo(b)fluoranthene	24.063	252	741359	36.605	ng/ul	99
91) Benzo(k)fluoranthene	24.133	252	682673	36.523	ng/ul	97
93) Benzo(a)pyrene	24.968	252	704731	36.856	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.909	276	817283	37.794	ng/ul	99
95) Dibenzo(a,h)anthracene	28.980	278	687777	37.420	ng/ul	98
96) Benzo(g,h,i)perylene	30.102	276	691218	37.813	ng/ul	99

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

