

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
 Data File : BG052238.D
 Acq On : 1 Feb 2022 20:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020513

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :mohammad ahmed 02/04/2022

Quant Time: Feb 02 04:00:40 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 31 18:07:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	33468	20.000	ng/u1	0.00
20) Naphthalene-d8	11.074	136	140388	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.875	164	98228	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.624	188	237912	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.942	240	224985	20.000	ng/u1	# 0.00
88) Perylene-d12	25.414	264	232410	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	7186	8.662	ng/uL	0.00
4) Pyridine-d5	3.984	84	53892	20.886	ng/u1	0.00
7) Phenol-d5	7.373	99	61131	20.081	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	37334	20.187	ng/u1	0.00
11) 2-Chlorophenol-d4	7.761	132	42831	20.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.936	113	46901	20.302	ng/u1	0.00
21) Nitrobenzene-d5	9.406	128	22192	19.414	ng/u1	0.00
24) 2-Nitrophenol-d4	10.140	143	25918	20.750	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.686	165	48894	20.079	ng/u1	0.00
31) 4-Chloroaniline-d4	11.198	131	63597	20.590	ng/u1	0.00
46) Dimethylphthalate-d6	14.264	166	154930	20.066	ng/u1	0.00
49) Acenaphthylene-d8	14.575	160	199216	20.700	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	23071	19.729	ng/u1	0.00
60) Fluorene-d10	15.868	176	139339	20.599	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	27607	18.796	ng/u1	0.00
73) Anthracene-d10	17.724	188	227124	20.250	ng/u1	0.00
81) Pyrene-d10	20.003	212	273112	20.255	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.179	264	254690	20.628	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.596	88	7562	8.178	ng/uL	98
5) Pyridine	4.007	79	53418	19.768	ng/u1	98
6) Benzaldehyde	7.356	77	43734	25.340	ng/u1	94
8) Phenol	7.409	94	62309	20.423	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.632	93	47443	20.578	ng/u1	99
12) 2-Chlorophenol	7.796	128	46295	21.141	ng/u1	98
13) 2-Methylphenol	8.672	108	46592	20.293	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.760	45	68128	20.689	ng/u1	98
16) Acetophenone	9.059	105	75792	21.156	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.036	70	44126	20.534	ng/u1	97
18) 4-Methylphenol	9.000	108	49308	20.384	ng/u1	91
19) Hexachloroethane	9.341	117	20383	21.613	ng/u1#	82
22) Nitrobenzene	9.447	77	62547	19.618	ng/u1	98
23) Isophorone	9.970	82	117519	19.920	ng/u1#	96
25) 2-Nitrophenol	10.169	139	27669	20.262	ng/u1	94
26) 2,4-Dimethylphenol	10.222	107	56161	19.946	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.457	93	64061	20.247	ng/u1	99
29) 2,4-Dichlorophenol	10.716	162	48201	20.477	ng/u1	93
30) Naphthalene	11.121	128	156848	20.433	ng/u1	97
32) 4-Chloroaniline	11.221	127	63805	20.036	ng/u1	93
33) Hexachlorobutadiene	11.409	225	38157	19.872	ng/u1	95
34) Caprolactam	11.967	113	15632m	20.475	ng/u1	
35) 4-Chloro-3-methylphenol	12.331	107	51039	20.102	ng/u1	96
36) 2-Methylnaphthalene	12.719	142	109752	20.375	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.936	142	112958	20.384	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.083	216	70829	20.033	ng/ul	98
40) Hexachlorocyclopentadiene	13.066	237	36883	18.273	ng/ul	100
41) 2,4,6-Trichlorophenol	13.312	196	42490	20.127	ng/ul	99
42) 2,4,5-Trichlorophenol	13.389	196	43947	19.328	ng/ul	97
43) 1,1'-Biphenyl	13.712	154	157331	20.431	ng/ul#	94
44) 2-Chloronaphthalene	13.759	162	119552	20.290	ng/ul	98
45) 2-Nitroaniline	13.953	65	40601	20.466	ng/ul	92
47) Dimethylphthalate	14.311	163	152349	20.357	ng/ul	99
48) 2,6-Dinitrotoluene	14.434	165	32256	19.979	ng/ul	92
50) Acenaphthylene	14.599	152	195524	20.270	ng/ul	98
51) 3-Nitroaniline	14.769	138	30917	22.377	ng/ul	99
52) Acenaphthene	14.940	153	127325	20.135	ng/ul	96
53) 2,4-Dinitrophenol	14.975	184	13987	16.684	ng/ul#	87
55) 4-Nitrophenol	15.075	109	25567	20.859	ng/ul#	79
56) Dibenzofuran	15.274	168	187533	20.482	ng/ul	99
57) 2,4-Dinitrotoluene	15.221	165	47474	20.512	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.498	232	40227	20.211	ng/ul#	85
59) Diethylphthalate	15.674	149	156272	20.593	ng/ul	95
61) Fluorene	15.921	166	155118	20.416	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.909	204	85115	20.369	ng/ul	93
63) 4-Nitroaniline	15.932	138	31057	23.166	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.991	198	26047	18.620	ng/ul#	97
67) N-Nitrosodiphenylamine	16.114	169	135001	20.698	ng/ul	97
68) 4-Bromophenyl-phenylether	16.802	248	58727	20.448	ng/ul#	86
69) Hexachlorobenzene	16.937	284	65265	20.220	ng/ul#	89
70) Atrazine	17.060	200	58109	20.194	ng/ul	96
71) Pentachlorophenol	17.278	266	26199	16.929	ng/ul	97
72) Phenanthrene	17.665	178	251847	20.094	ng/ul	98
74) Anthracene	17.759	178	254066	20.538	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.682	216	78898	19.864	ng/ul	98
76) Pentachlorobenzene	15.198	250	73479	20.053	ng/ul	99
77) Carbazole	18.024	167	221293	20.524	ng/ul	98
78) Di-n-butylphthalate	18.564	149	261220	20.200	ng/ul	99
80) Fluoranthene	19.668	202	323982	20.404	ng/ul#	91
82) Pyrene	20.033	202	314032	20.202	ng/ul#	88
83) Butylbenzylphthalate	20.896	149	109750	20.183	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.818	252	114131	23.691	ng/ul#	97
85) Benzo(a)anthracene	21.918	228	310015	20.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.801	149	156463	20.073	ng/ul#	98
87) Chrysene	21.989	228	293419	20.522	ng/ul	99
89) Di-n-octyl phthalate	23.093	149	262068	19.875	ng/ul	100
90) Benzo(b)fluoranthene	24.303	252	325246	20.181	ng/ul#	95
91) Benzo(k)fluoranthene	24.374	252	307203	20.834	ng/ul#	97
93) Benzo(a)pyrene	25.249	252	305803	20.345	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.420	276	353969	21.141	ng/ul#	87
95) Dibenzo(a,h)anthracene	29.485	278	300324	21.633	ng/ul#	94
96) Benzo(g,h,i)perylene	30.665	276	296550	20.807	ng/ul#	90

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

