

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
 Data File : BG052557.D
 Acq On : 3 Mar 2022 16:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020533

Manual Integrations

APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Mar 04 00:02:06 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 22 17:32:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	26029	20.000	ng/u1	0.00
20) Naphthalene-d8	11.057	136	115313	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	86749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.613	188	213015	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.930	240	212460	20.000	ng/u1	# 0.00
88) Perylene-d12	25.396	264	219983	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	5451	8.215	ng/uL	0.00
4) Pyridine-d5	3.972	84	43474	21.718	ng/u1	0.00
7) Phenol-d5	7.368	99	53126	21.524	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.526	67	32129	22.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.750	132	35392	20.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.924	113	42513	22.138	ng/u1	0.00
21) Nitrobenzene-d5	9.388	128	21282	21.649	ng/u1	0.00
24) 2-Nitrophenol-d4	10.123	143	23286	21.626	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	44554	22.189	ng/u1	0.00
31) 4-Chloroaniline-d4	11.186	131	64547	23.196	ng/u1	0.00
46) Dimethylphthalate-d6	14.252	166	152561	21.633	ng/u1	0.00
49) Acenaphthylene-d8	14.558	160	194573	22.350	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	22386	19.969	ng/u1	0.00
60) Fluorene-d10	15.850	176	137404	22.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	27460	20.331	ng/u1	0.00
73) Anthracene-d10	17.712	188	228698	22.224	ng/u1	0.00
81) Pyrene-d10	19.992	212	278685	22.417	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.149	264	259525	21.990	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.579	88	6162	7.982	ng/uL#	88
5) Pyridine	3.990	79	44597	22.067	ng/u1	98
6) Benzaldehyde	7.338	77	29903	21.334	ng/u1	90
8) Phenol	7.391	94	54720	21.920	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.620	93	41714	22.591	ng/u1	95
12) 2-Chlorophenol	7.779	128	38759	21.460	ng/u1	99
13) 2-Methylphenol	8.660	108	41403	21.910	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.742	45	54709	21.649	ng/u1	100
16) Acetophenone	9.042	105	67967	22.972	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.018	70	38927	22.348	ng/u1	98
18) 4-Methylphenol	8.989	108	44682	22.234	ng/u1	86
19) Hexachloroethane	9.318	117	15767	22.328	ng/u1#	78
22) Nitrobenzene	9.435	77	56896	22.577	ng/u1#	97
23) Isophorone	9.958	82	110682	22.766	ng/u1	97
25) 2-Nitrophenol	10.158	139	25841	22.837	ng/u1	89
26) 2,4-Dimethylphenol	10.205	107	51145	21.976	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.434	93	58400	22.194	ng/u1	97
29) 2,4-Dichlorophenol	10.698	162	43859	23.089	ng/u1	99
30) Naphthalene	11.104	128	141629	22.077	ng/u1	96
32) 4-Chloroaniline	11.210	127	66326	23.235	ng/u1	97
33) Hexachlorobutadiene	11.392	225	31987	21.341	ng/u1	96
34) Caprolactam	11.956	113	15998	22.639	ng/u1	94
35) 4-Chloro-3-methylphenol	12.326	107	49858	23.500	ng/u1	94
36) 2-Methylnaphthalene	12.702	142	104129	22.652	ng/u1	96

03/04/2022

Supervised By :Yogesh Patel

03/07/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.919	142	104537	22.346	ng/ul	99	03/04/2022
39) 1,2,4,5-Tetrachloroben...	13.066	216	64896	21.316	ng/ul	96	Supervised By :Yogesh Patel
40) Hexachlorocyclopentadiene	13.048	237	24247	16.452	ng/ul#	92	
41) 2,4,6-Trichlorophenol	13.307	196	40299	22.072	ng/ul	96	
42) 2,4,5-Trichlorophenol	13.383	196	40761	20.945	ng/ul	97	
43) 1,1'-Biphenyl	13.694	154	148002	21.457	ng/ul#	92	
44) 2-Chloronaphthalene	13.741	162	111530	21.261	ng/ul	100	03/07/2022
45) 2-Nitroaniline	13.941	65	37905	22.124	ng/ul	92	
47) Dimethylphthalate	14.299	163	152424	22.111	ng/ul	99	
48) 2,6-Dinitrotoluene	14.429	165	32869	21.773	ng/ul#	85	
50) Acenaphthylene	14.587	152	190941	21.948	ng/ul	98	
51) 3-Nitroaniline	14.758	138	21993	17.889	ng/ul	97	
52) Acenaphthene	14.928	153	125096	21.865	ng/ul	98	
53) 2,4-Dinitrophenol	14.975	184	11949	16.007	ng/ul	90	
55) 4-Nitrophenol	15.069	109	21582	19.850	ng/ul	91	
56) Dibenzofuran	15.257	168	181679	22.089	ng/ul	100	
57) 2,4-Dinitrotoluene	15.216	165	48827	22.329	ng/ul	88	
58) 2,3,4,6-Tetrachlorophenol	15.486	232	38985	22.103	ng/ul#	89	
59) Diethylphthalate	15.656	149	153844	22.077	ng/ul	98	
61) Fluorene	15.909	166	151131	21.845	ng/ul	98	
62) 4-Chlorophenyl-phenyle...	15.891	204	81835	21.734	ng/ul	93	
63) 4-Nitroaniline	15.915	138	16922m	14.336	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.985	198	26397	20.166	ng/ul#	90	
67) N-Nitrosodiphenylamine	16.103	169	131592	21.926	ng/ul	95	
68) 4-Bromophenyl-phenylether	16.790	248	56650	22.158	ng/ul#	83	
69) Hexachlorobenzene	16.919	284	64734	22.066	ng/ul#	85	
70) Atrazine	17.049	200	57572	21.766	ng/ul	96	
71) Pentachlorophenol	17.266	266	24883m	18.832	ng/ul		
72) Phenanthrene	17.654	178	256242	22.335	ng/ul	99	
74) Anthracene	17.748	178	257700	22.317	ng/ul	97	
75) 1,2,3,4-Tetrachloroben...	13.671	216	74526	22.117	ng/uL	100	
76) Pentachlorobenzene	15.187	250	70760	21.995	ng/uL	96	
77) Carbazole	18.012	167	229864	22.413	ng/ul	98	
78) Di-n-butylphthalate	18.553	149	263482	21.602	ng/ul	99	
80) Fluoranthene	19.657	202	332367	22.644	ng/ul#	92	
82) Pyrene	20.021	202	323872	22.220	ng/ul#	89	
83) Butylbenzylphthalate	20.891	149	115534	21.927	ng/ul	88	
84) 3,3'-Dichlorobenzidine	21.807	252	94656	20.169	ng/ul#	98	
85) Benzo(a)anthracene	21.907	228	317542	22.057	ng/ul	97	
86) Bis(2-ethylhexyl)phtha...	21.783	149	160717	21.760	ng/ul	100	
87) Chrysene	21.977	228	303181	21.967	ng/ul	96	
89) Di-n-octyl phthalate	23.076	149	269977	21.223	ng/ul	100	
90) Benzo(b)fluoranthene	24.280	252	336185	21.919	ng/ul#	96	
91) Benzo(k)fluoranthene	24.351	252	307262	21.719	ng/ul#	97	
93) Benzo(a)pyrene	25.232	252	315767	21.885	ng/ul#	94	
94) Indeno(1,2,3-cd)pyrene	29.391	276	364297	22.204	ng/ul#	91	
95) Dibenzo(a,h)anthracene	29.450	278	314327	22.443	ng/ul#	94	
96) Benzo(g,h,i)perylene	30.636	276	307123	22.295	ng/ul#	90	

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

