

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
 Data File : BG053777.D
 Acq On : 1 Jun 2022 3:14
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020561

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/01/2022
 Supervised By :mohammad ahmed 06/06/2022

Quant Time: Jun 01 09:38:53 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jun 01 00:25:02 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	26497	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	104963	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	72484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.465	188	183242	20.000	ng/u1	0.00
79) Chrysene-d12	21.742	240	215491	20.000	ng/u1	0.00
88) Perylene-d12	25.015	264	217550	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4818	6.878	ng/uL	0.00
4) Pyridine-d5	3.940	84	29325	18.986	ng/u1	-0.01
7) Phenol-d5	7.242	99	37213	18.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	24190	18.572	ng/u1	0.00
11) 2-Chlorophenol-d4	7.630	132	29966	18.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	30691	18.388	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	12832	20.451	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	13439	21.580	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	32183	19.028	ng/u1	0.00
31) 4-Chloroaniline-d4	11.031	131	43682	18.826	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	104463	18.755	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	116805	18.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	15863	20.713	ng/u1	0.00
60) Fluorene-d10	15.708	176	93015	19.068	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	14625	19.962	ng/u1	0.00
73) Anthracene-d10	17.565	188	157230	18.997	ng/u1	0.00
81) Pyrene-d10	19.845	212	207836	18.121	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	206323	18.963	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	5192	7.046	ng/uL#	76
5) Pyridine	3.957	79	31856	19.505	ng/u1	94
6) Benzaldehyde	7.230	77	23766	22.393	ng/u1	98
8) Phenol	7.271	94	40264	18.667	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.512	93	30910	18.713	ng/u1	94
12) 2-Chlorophenol	7.659	128	30867	18.825	ng/u1	98
13) 2-Methylphenol	8.529	108	30364	18.325	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.628	45	52184	18.797	ng/u1	97
16) Acetophenone	8.916	105	48709	18.684	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.905	70	26272	18.054	ng/u1	93
18) 4-Methylphenol	8.858	108	32387	18.492	ng/u1	92
19) Hexachloroethane	9.192	117	13219	19.018	ng/u1	91
22) Nitrobenzene	9.298	77	33594	20.530	ng/u1#	91
23) Isophorone	9.827	82	70157	18.180	ng/u1	99
25) 2-Nitrophenol	10.015	139	14461	21.823	ng/u1	96
26) 2,4-Dimethylphenol	10.068	107	35905	17.948	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.303	93	40421	18.216	ng/u1	98
29) 2,4-Dichlorophenol	10.544	162	32305	19.260	ng/u1	98
30) Naphthalene	10.961	128	101124	19.035	ng/u1	100
32) 4-Chloroaniline	11.055	127	42350	18.525	ng/u1	96
33) Hexachlorobutadiene	11.255	225	26573	19.088	ng/u1	98
34) Caprolactam	11.813	113	8169m	17.401	ng/u1	
35) 4-Chloro-3-methylphenol	12.165	107	32626	18.433	ng/u1	98
36) 2-Methylnaphthalene	12.559	142	70894	18.894	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.776	142	70666	18.929	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.923	216	48597	19.167	ng/ul	96
40) Hexachlorocyclopentadiene	12.912	237	44403	25.760	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.153	196	28106	19.454	ng/ul	94
42) 2,4,5-Trichlorophenol	13.223	196	30539	19.652	ng/ul	96
43) 1,1'-Biphenyl	13.558	154	99728	19.020	ng/ul	99
44) 2-Chloronaphthalene	13.599	162	77914	19.076	ng/ul	99
45) 2-Nitroaniline	13.787	65	19444	22.392	ng/ul	97
47) Dimethylphthalate	14.169	163	100985	18.935	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	17441	22.411	ng/ul	97
50) Acenaphthylene	14.445	152	125103	18.749	ng/ul	98
51) 3-Nitroaniline	14.610	138	16481	22.116	ng/ul#	92
52) Acenaphthene	14.786	153	83475	18.849	ng/ul	98
53) 2,4-Dinitrophenol	14.809	184	11284	27.484	ng/ul	87
55) 4-Nitrophenol	14.898	109	14380	19.896	ng/ul	93
56) Dibenzofuran	15.115	168	123018	19.205	ng/ul	99
57) 2,4-Dinitrotoluene	15.068	165	24794	22.807	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.338	232	27554	20.013	ng/ul	98
59) Diethylphthalate	15.532	149	103313	18.722	ng/ul	99
61) Fluorene	15.767	166	100877	19.218	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.755	204	56384	19.147	ng/ul	99
63) 4-Nitroaniline	15.767	138	16388	22.781	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.832	198	13843	20.315	ng/ul	97
67) N-Nitrosodiphenylamine	15.967	169	91529	18.293	ng/ul	96
68) 4-Bromophenyl-phenylether	16.648	248	39462	19.421	ng/ul	97
69) Hexachlorobenzene	16.772	284	42043	19.163	ng/ul	96
70) Atrazine	16.913	200	41628	18.860	ng/ul	97
71) Pentachlorophenol	17.107	266	24464	18.762	ng/ul	95
72) Phenanthrene	17.506	178	180542	19.098	ng/ul	98
74) Anthracene	17.600	178	181993	18.866	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.523	216	51564	17.793	ng/ul	95
76) Pentachlorobenzene	15.039	250	48091	18.476	ng/ul	96
77) Carbazole	17.859	167	163004	19.385	ng/ul	99
78) Di-n-butylphthalate	18.429	149	194342	18.484	ng/ul	100
80) Fluoranthene	19.510	202	241653	18.125	ng/ul	98
82) Pyrene	19.874	202	241461	18.271	ng/ul	99
83) Butylbenzylphthalate	20.761	149	88719	18.447	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.637	252	92191	19.228	ng/ul	99
85) Benzo(a)anthracene	21.725	228	257757	18.917	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.643	149	130466	18.474	ng/ul	100
87) Chrysene	21.789	228	247491	19.003	ng/ul	100
89) Di-n-octyl phthalate	22.882	149	220116	18.596	ng/ul	100
90) Benzo(b)fluoranthene	23.975	252	265475	19.451	ng/ul	97
91) Benzo(k)fluoranthene	24.046	252	244380	18.799	ng/ul	100
93) Benzo(a)pyrene	24.862	252	249883	18.957	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.746	276	292972	19.375	ng/ul	99
95) Dibenzo(a,h)anthracene	28.822	278	250500	19.294	ng/ul	98
96) Benzo(g,h,i)perylene	29.915	276	245495	19.250	ng/ul	99

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

