

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG053005.D
 Acq On : 1 Apr 2022 20:09
 Operator : CG/JU
 Sample : SSTDCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020560

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2022

Supervised By :Yogesh Patel 04/06/2022

Quant Time: Apr 02 00:39:02 2022

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 31 00:50:49 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	35831	20.000	ng/u1	0.00
20) Naphthalene-d8	10.945	136	156082	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.752	164	120521	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.495	188	280106	20.000	ng/u1	0.00
79) Chrysene-d12	21.778	240	284562	20.000	ng/u1	0.00
88) Perylene-d12	25.085	264	294163	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.549	96	7640	7.532	ng/uL	0.00
4) Pyridine-d5	3.966	84	44650	17.631	ng/u1	0.00
7) Phenol-d5	7.280	99	65732	20.482	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.450	67	41060	20.949	ng/u1	0.00
11) 2-Chlorophenol-d4	7.661	132	43939	20.164	ng/u1	0.00
15) 4-Methylphenol-d8	8.830	113	50175	21.583	ng/u1	0.00
21) Nitrobenzene-d5	9.295	128	22910	20.391	ng/u1	0.00
24) 2-Nitrophenol-d4	10.017	143	26607	22.452	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.558	165	53618	20.798	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	67205	19.723	ng/u1	0.00
46) Dimethylphthalate-d6	14.147	166	182186	19.677	ng/u1	0.00
49) Acenaphthylene-d8	14.446	160	214525	19.067	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	30358	19.501	ng/u1	0.00
60) Fluorene-d10	15.739	176	154171	18.964	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.850	200	31880	22.365	ng/u1	0.00
73) Anthracene-d10	17.595	188	252803	19.382	ng/u1	0.00
81) Pyrene-d10	19.874	212	310820	19.525	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.856	264	302034	19.871	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.590	88	7788	6.266	ng/uL#	87
5) Pyridine	3.984	79	52117	19.046	ng/u1	92
6) Benzaldehyde	7.262	77	48631m	22.794	ng/u1	
8) Phenol	7.309	94	65182	21.074	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.544	93	46856	20.081	ng/u1	93
12) 2-Chlorophenol	7.697	128	46404	20.843	ng/u1	90
13) 2-Methylphenol	8.566	108	47663	19.828	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.654	45	83313	21.967	ng/u1#	96
16) Acetophenone	8.954	105	80395	22.167	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.936	70	47617	22.522	ng/u1	96
18) 4-Methylphenol	8.889	108	54575	21.791	ng/u1	100
19) Hexachloroethane	9.230	117	21350	21.613	ng/u1	94
22) Nitrobenzene	9.336	77	69603	21.202	ng/u1	97
23) Isophorone	9.858	82	127895	20.381	ng/u1	97
25) 2-Nitrophenol	10.052	139	27388	22.287	ng/u1#	94
26) 2,4-Dimethylphenol	10.099	107	63057	20.708	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.334	93	68942	19.757	ng/u1	97
29) 2,4-Dichlorophenol	10.587	162	50619	20.194	ng/u1	99
30) Naphthalene	10.992	128	159182	19.707	ng/u1	98
32) 4-Chloroaniline	11.098	127	66887	19.977	ng/u1	97
33) Hexachlorobutadiene	11.286	225	42455	20.739	ng/u1	98
34) Caprolactam	11.844	113	18001m	23.845	ng/u1	
35) 4-Chloro-3-methylphenol	12.202	107	59930	22.041	ng/u1	90
36) 2-Methylnaphthalene	12.590	142	114212	20.036	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.807	142	115637	20.038	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.954	216	76500	19.204	ng/ul	95
40) Hexachlorocyclopentadiene	12.943	237	52432	19.012	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.189	196	48501	19.925	ng/ul	97
42) 2,4,5-Trichlorophenol	13.260	196	54239	20.633	ng/ul	96
43) 1,1'-Biphenyl	13.589	154	161790	18.786	ng/ul	99
44) 2-Chloronaphthalene	13.630	162	127202	18.445	ng/ul	99
45) 2-Nitroaniline	13.824	65	44803	22.163	ng/ul	99
47) Dimethylphthalate	14.194	163	169490	19.182	ng/ul	99
48) 2,6-Dinitrotoluene	14.317	165	35123	21.944	ng/ul	97
50) Acenaphthylene	14.476	152	207866	19.130	ng/ul	98
51) 3-Nitroaniline	14.640	138	35944	22.248	ng/ul	99
52) Acenaphthene	14.816	153	137195	19.327	ng/ul	99
53) 2,4-Dinitrophenol	14.846	184	19615	19.726	ng/ul#	71
55) 4-Nitrophenol	14.940	109	35898	21.911	ng/ul	98
56) Dibenzofuran	15.145	168	205627	19.539	ng/ul	100
57) 2,4-Dinitrotoluene	15.098	165	51068	22.487	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.369	232	50694	21.394	ng/ul#	99
59) Diethylphthalate	15.557	149	180314	20.150	ng/ul	99
61) Fluorene	15.797	166	166838	19.126	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.786	204	93259	20.091	ng/ul	97
63) 4-Nitroaniline	15.803	138	37834m	23.813	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.862	198	31563	22.631	ng/ul#	94
67) N-Nitrosodiphenylamine	15.997	169	151204	19.965	ng/ul	94
68) 4-Bromophenyl-phenylether	16.679	248	65321	23.552	ng/ul	96
69) Hexachlorobenzene	16.808	284	72354	20.196	ng/ul	95
70) Atrazine	16.937	200	65363	21.059	ng/ul	95
71) Pentachlorophenol	17.143	266	41363m	18.986	ng/ul	
72) Phenanthrene	17.536	178	287338	19.546	ng/ul	97
74) Anthracene	17.630	178	286678	19.505	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.559	216	83572	20.033	ng/uL	97
76) Pentachlorobenzene	15.069	250	80350	20.075	ng/uL	97
77) Carbazole	17.889	167	259239	19.958	ng/ul	96
78) Di-n-butylphthalate	18.447	149	301170	19.498	ng/ul	98
80) Fluoranthene	19.545	202	370759	19.764	ng/ul	97
82) Pyrene	19.904	202	365534	19.604	ng/ul#	94
83) Butylbenzylphthalate	20.779	149	131316	20.256	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.666	252	131324	20.590	ng/ul	98
85) Benzo(a)anthracene	21.760	228	356798	19.427	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.660	149	183395	20.425	ng/ul	98
87) Chrysene	21.825	228	338527	19.325	ng/ul	99
89) Di-n-octyl phthalate	22.894	149	303948	19.838	ng/ul	100
90) Benzo(b)fluoranthene	24.028	252	367154m	19.329	ng/ul	
91) Benzo(k)fluoranthene	24.098	252	346809	19.783	ng/ul	97
93) Benzo(a)pyrene	24.926	252	348280	19.421	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.862	276	400087	19.727	ng/ul	96
95) Dibenzo(a,h)anthracene	28.921	278	337223	19.563	ng/ul	98
96) Benzo(g,h,i)perylene	30.037	276	331966	19.363	ng/ul	98

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

