

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056790.D
 Acq On : 2 Mar 2023 14:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 03 01:11:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	13481	20.000	ng/u1	0.00
20) Naphthalene-d8	11.253	136	57152	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.019	164	46260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	126676	20.000	ng/u1	0.00
79) Chrysene-d12	22.064	240	125606	20.000	ng/u1	0.00
88) Perylene-d12	25.589	264	137449	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.703	96	2548	10.485	ng/uL	0.00
4) Pyridine-d5	4.138	84	24141	24.610	ng/u1	0.00
7) Phenol-d5	7.540	99	27945	20.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.722	67	17118	20.802	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	17713	19.772	ng/u1	0.00
15) 4-Methylphenol-d8	9.109	113	21761	21.111	ng/u1	0.00
21) Nitrobenzene-d5	9.590	128	10353	21.616	ng/u1	0.00
24) 2-Nitrophenol-d4	10.325	143	12256	21.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	23495m	21.875	ng/u1	0.00
31) 4-Chloroaniline-d4	11.377	131	30798	21.985	ng/u1	0.00
46) Dimethylphthalate-d6	14.408	166	82228	22.031	ng/u1	0.00
49) Acenaphthylene-d8	14.720	160	93687	22.085	ng/u1	0.00
54) 4-Nitrophenol-d4	15.178	143	13760	21.383	ng/u1	0.00
60) Fluorene-d10	16.006	176	80054	23.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	16941	19.989	ng/u1	0.00
73) Anthracene-d10	17.851	188	130959	21.310	ng/u1	0.00
81) Pyrene-d10	20.113	212	159862	18.808	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.348	264	157038	21.167	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.733	88	3385	11.297	ng/uL#	90
5) Pyridine	4.156	79	24808	23.881	ng/u1	94
6) Benzaldehyde	7.540	77	17661	24.989	ng/u1	95
8) Phenol	7.569	94	30465	22.140	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.816	93	20553	21.022	ng/u1	95
12) 2-Chlorophenol	7.975	128	18226	20.544	ng/u1	98
13) 2-Methylphenol	8.838	108	21198	20.424	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.938	45	27326	20.800	ng/u1	98
16) Acetophenone	9.244	105	37136	21.038	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.214	70	20883	20.619	ng/u1	95
18) 4-Methylphenol	9.167	108	22700	20.128	ng/u1	94
19) Hexachloroethane	9.520	117	7646	20.267	ng/u1	99
22) Nitrobenzene	9.632	77	32316	23.268	ng/u1#	97
23) Isophorone	10.154	82	58932	21.703	ng/u1	99
25) 2-Nitrophenol	10.354	139	12628	22.439	ng/u1	97
26) 2,4-Dimethylphenol	10.390	107	26960	21.451	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.630	93	29368	21.398	ng/u1	96
29) 2,4-Dichlorophenol	10.889	162	23242	22.346	ng/u1	96
30) Naphthalene	11.306	128	67998	21.615	ng/u1	97
32) 4-Chloroaniline	11.400	127	31248	22.518	ng/u1	90
33) Hexachlorobutadiene	11.582	225	18588	22.424	ng/u1	92
34) Caprolactam	12.134	113	8501	24.042	ng/u1	86
35) 4-Chloro-3-methylphenol	12.481	107	26572	22.238	ng/u1	94
36) 2-Methylnaphthalene	12.881	142	50449	22.392	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.098	142	49548	22.305	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.233	216	37702	22.987	ng/ul	97
40) Hexachlorocyclopentadiene	13.216	237	22727	19.338	ng/ul	92
41) 2,4,6-Trichlorophenol	13.462	196	24432	22.294	ng/ul	99
42) 2,4,5-Trichlorophenol	13.533	196	27705	23.282	ng/ul	96
43) 1,1'-Biphenyl	13.862	154	74166	21.803	ng/ul	100
44) 2-Chloronaphthalene	13.909	162	61416	21.821	ng/ul	94
45) 2-Nitroaniline	14.097	65	22788	23.326	ng/ul	98
47) Dimethylphthalate	14.455	163	83997	22.130	ng/ul#	98
48) 2,6-Dinitrotoluene	14.579	165	17883	22.984	ng/ul#	86
50) Acenaphthylene	14.749	152	95055	22.181	ng/ul	99
51) 3-Nitroaniline	14.914	138	16040	23.034	ng/ul#	95
52) Acenaphthene	15.084	153	64217	21.813	ng/ul	98
53) 2,4-Dinitrophenol	15.113	184	10325	20.714	ng/ul	91
55) 4-Nitrophenol	15.190	109	17588	23.612	ng/ul	90
56) Dibenzofuran	15.413	168	101232	22.652	ng/ul	94
57) 2,4-Dinitrotoluene	15.360	165	25969	23.281	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.630	232	25829	23.325	ng/ul	99
59) Diethylphthalate	15.801	149	84599	22.267	ng/ul	97
61) Fluorene	16.059	166	80949	22.622	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.042	204	48038	22.664	ng/ul	98
63) 4-Nitroaniline	16.065	138	15950	23.442	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.118	198	16983	20.815	ng/ul	97
67) N-Nitrosodiphenylamine	16.253	169	72302	20.525	ng/ul	96
68) 4-Bromophenyl-phenylether	16.935	248	34946	21.769	ng/ul	92
69) Hexachlorobenzene	17.058	284	35934	20.835	ng/ul	98
70) Atrazine	17.182	200	33085	21.625	ng/ul#	94
71) Pentachlorophenol	17.399	266	18074	18.456	ng/ul	96
72) Phenanthrene	17.798	178	145190	21.159	ng/ul	98
74) Anthracene	17.887	178	146318	21.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.838	216	38697	19.968	ng/uL	96
76) Pentachlorobenzene	15.337	250	41320	21.023	ng/uL	97
77) Carbazole	18.151	167	123682	21.317	ng/ul	99
78) Di-n-butylphthalate	18.674	149	142134	21.255	ng/ul	100
80) Fluoranthene	19.779	202	186135	18.112	ng/ul	98
82) Pyrene	20.143	202	188191	18.587	ng/ul	100
83) Butylbenzylphthalate	21.001	149	61616	19.184	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.941	252	70333	22.333	ng/ul	96
85) Benzo(a)anthracene	22.041	228	191272	20.923	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.905	149	92446	20.489	ng/ul	99
87) Chrysene	22.111	228	178452	20.959	ng/ul	98
89) Di-n-octyl phthalate	23.216	149	154377	20.659	ng/ul	100
90) Benzo(b)fluoranthene	24.455	252	196078	21.310	ng/ul	99
91) Benzo(k)fluoranthene	24.532	252	193141	21.550	ng/ul	100
93) Benzo(a)pyrene	25.419	252	170012	21.020	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.661	276	235331m	21.418	ng/ul	
95) Dibenzo(a,h)anthracene	29.714	278	194703	21.194	ng/ul#	93
96) Benzo(g,h,i)perylene	30.918	276	187847	21.403	ng/ul	93

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

