

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011023\
 Data File : BG056236.D
 Acq On : 10 Jan 2023 9:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020589

Quant Time: Jan 10 10:05:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	49034	20.000	ng/u1	0.00
20) Naphthalene-d8	11.162	136	198772	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.940	164	163734	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.678	188	408727	20.000	ng/u1	0.00
79) Chrysene-d12	21.979	240	397382	20.000	ng/u1	0.00
88) Perylene-d12	25.433	264	438730	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	8636	7.977	ng/uL	0.00
4) Pyridine-d5	4.064	84	70051	20.255	ng/u1	0.00
7) Phenol-d5	7.460	99	80527	18.615	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.637	67	37154	20.945	ng/u1	0.00
11) 2-Chlorophenol-d4	7.854	132	55425	19.148	ng/u1	0.00
15) 4-Methylphenol-d8	9.023	113	64219	18.631	ng/u1	0.00
21) Nitrobenzene-d5	9.505	128	29577	18.843	ng/u1	0.00
24) 2-Nitrophenol-d4	10.228	143	37826	18.427	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.768	165	73808	18.038	ng/u1	0.00
31) 4-Chloroaniline-d4	11.285	131	83175	18.063	ng/u1	0.00
46) Dimethylphthalate-d6	14.329	166	234974	18.086	ng/u1	0.00
49) Acenaphthylene-d8	14.640	160	263090	18.434	ng/u1	0.00
54) 4-Nitrophenol-d4	15.104	143	34001	16.579	ng/u1	0.00
60) Fluorene-d10	15.927	176	222659	18.349	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.027	200	45175	15.731	ng/u1	0.00
73) Anthracene-d10	17.778	188	354103	18.849	ng/u1	0.00
81) Pyrene-d10	20.040	212	427842	18.402	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.193	264	421055	18.715	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.665	88	9471	7.847	ng/uL	99
5) Pyridine	4.088	79	66100	19.524	ng/u1#	96
6) Benzaldehyde	7.455	77	30786	20.285	ng/u1	97
8) Phenol	7.490	94	81696	19.124	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.731	93	58356	19.730	ng/u1	93
12) 2-Chlorophenol	7.889	128	55714	19.576	ng/u1	93
13) 2-Methylphenol	8.759	108	62300	18.982	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.847	45	11046	20.548	ng/u1#	70
16) Acetophenone	9.158	105	100846	19.016	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.129	70	45671	19.441	ng/u1	96
18) 4-Methylphenol	9.088	108	68051	19.091	ng/u1	100
19) Hexachloroethane	9.429	117	21884	19.755	ng/u1	98
22) Nitrobenzene	9.546	77	68721	19.280	ng/u1	97
23) Isophorone	10.063	82	138645	18.453	ng/u1	96
25) 2-Nitrophenol	10.263	139	35634	17.990	ng/u1	98
26) 2,4-Dimethylphenol	10.304	107	74542	18.374	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.545	93	79774	18.955	ng/u1	95
29) 2,4-Dichlorophenol	10.798	162	70955	18.392	ng/u1	96
30) Naphthalene	11.215	128	195858	18.825	ng/u1	99
32) 4-Chloroaniline	11.309	127	85334	18.139	ng/u1	95
33) Hexachlorobutadiene	11.491	225	64624	19.528	ng/u1	97
34) Caprolactam	12.049	113	21669m	17.897	ng/u1	
35) 4-Chloro-3-methylphenol	12.402	107	67401	17.808	ng/u1	95
36) 2-Methylnaphthalene	12.795	142	148641	18.704	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.013	142	152614	18.674	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.148	216	121319	19.141	ng/ul	96
40) Hexachlorocyclopentadiene	13.130	237	69956	16.236	ng/ul	94
41) 2,4,6-Trichlorophenol	13.383	196	72116	17.920	ng/ul	97
42) 2,4,5-Trichlorophenol	13.453	196	77717	17.756	ng/ul	95
43) 1,1'-Biphenyl	13.777	154	220888	18.744	ng/ul	98
44) 2-Chloronaphthalene	13.829	162	180094	18.633	ng/ul	99
45) 2-Nitroaniline	14.017	65	34392	18.646	ng/ul	92
47) Dimethylphthalate	14.376	163	229871	17.902	ng/ul	99
48) 2,6-Dinitrotoluene	14.505	165	48086	17.836	ng/ul#	96
50) Acenaphthylene	14.670	152	267643	18.515	ng/ul	100
51) 3-Nitroaniline	14.834	138	36094	17.678	ng/ul#	94
52) Acenaphthene	15.005	153	188835	18.878	ng/ul	98
53) 2,4-Dinitrophenol	15.034	184	25865	13.416	ng/ul	94
55) 4-Nitrophenol	15.116	109	32169	16.769	ng/ul	98
56) Dibenzofuran	15.334	168	285669	18.474	ng/ul	98
57) 2,4-Dinitrotoluene	15.287	165	66665	17.353	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.551	232	70066	16.534	ng/ul#	97
59) Diethylphthalate	15.727	149	212338	17.786	ng/ul	97
61) Fluorene	15.980	166	224772	18.049	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.962	204	143001	18.364	ng/ul	97
63) 4-Nitroaniline	15.986	138	30668	16.417	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.044	198	42900	15.651	ng/ul	98
67) N-Nitrosodiphenylamine	16.174	169	203981	18.702	ng/ul	100
68) 4-Bromophenyl-phenylether	16.855	248	95113	18.142	ng/ul	91
69) Hexachlorobenzene	16.985	284	95216	18.341	ng/ul	97
70) Atrazine	17.108	200	90757	18.255	ng/ul	98
71) Pentachlorophenol	17.319	266	47752m	14.422	ng/ul	
72) Phenanthrene	17.719	178	388224	18.630	ng/ul	98
74) Anthracene	17.813	178	393933	18.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.753	216	123332	20.021	ng/uL	95
76) Pentachlorobenzene	15.257	250	122074	19.367	ng/uL	96
77) Carbazole	18.072	167	330736	19.044	ng/ul	98
78) Di-n-butylphthalate	18.600	149	340617	18.586	ng/ul	99
80) Fluoranthene	19.711	202	503819	18.323	ng/ul	100
82) Pyrene	20.069	202	498657	18.134	ng/ul	99
83) Butylbenzylphthalate	20.927	149	147789	18.324	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.855	252	178952	19.045	ng/ul	98
85) Benzo(a)anthracene	21.955	228	509759	18.603	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	215877	18.511	ng/ul	98
87) Chrysene	22.026	228	473197	18.571	ng/ul	99
89) Di-n-octyl phthalate	23.107	149	374117	18.573	ng/ul	100
90) Benzo(b)fluoranthene	24.323	252	532055	18.164	ng/ul#	99
91) Benzo(k)fluoranthene	24.394	252	528634	18.444	ng/ul	96
93) Benzo(a)pyrene	25.269	252	469667	18.314	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.411	276	611841	18.136	ng/ul	99
95) Dibenzo(a,h)anthracene	29.476	278	512076	18.163	ng/ul	100
96) Benzo(g,h,i)perylene	30.657	276	491473	18.021	ng/ul#	99

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

