

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058301.D
 Acq On : 18 Jul 2023 14:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020522

Quant Time: Jul 19 04:47:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	43172	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	207863	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	153019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	376047	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	322571	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	396990	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	9042	7.709	ng/uL	0.00
4) Pyridine-d5	3.752	84	66167	19.005	ng/u1	0.00
7) Phenol-d5	7.060	99	83115	20.295	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	51010	19.928	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	56360	19.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	62249	19.927	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	29973	19.237	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	33284	19.568	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	63609	19.508	ng/u1	0.00
31) 4-Chloroaniline-d4	10.838	131	91605	19.379	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	206976	17.541	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	235604	19.053	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	33534	18.818	ng/u1	0.00
60) Fluorene-d10	15.526	176	186405	19.081	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	34961	18.248	ng/u1	0.00
73) Anthracene-d10	17.377	188	305281	18.788	ng/u1	0.00
81) Pyrene-d10	19.668	212	353887	18.575	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	346878	18.078	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	10280	7.727	ng/uL	87
5) Pyridine	3.769	79	71931	19.564	ng/u1	100
6) Benzaldehyde	7.036	77	24153m	14.603	ng/u1	
8) Phenol	7.089	94	84191	19.795	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.318	93	64622	19.834	ng/u1	98
12) 2-Chlorophenol	7.459	128	59110	19.698	ng/u1	98
13) 2-Methylphenol	8.340	108	63426	19.134	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.423	45	107404	20.115	ng/u1	98
16) Acetophenone	8.716	105	107453	20.198	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	54623	18.760	ng/u1	92
18) 4-Methylphenol	8.669	108	71371	19.812	ng/u1	98
19) Hexachloroethane	8.981	117	23195	19.610	ng/u1	95
22) Nitrobenzene	9.098	77	77365	18.620	ng/u1	98
23) Isophorone	9.621	82	166172	17.839	ng/u1	99
25) 2-Nitrophenol	9.815	139	35586	19.586	ng/u1	92
26) 2,4-Dimethylphenol	9.868	107	78618	19.406	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.103	93	92924	18.835	ng/u1	99
29) 2,4-Dichlorophenol	10.350	162	61436	19.851	ng/u1	96
30) Naphthalene	10.749	128	210372	18.934	ng/u1	99
32) 4-Chloroaniline	10.861	127	94662	19.594	ng/u1	99
33) Hexachlorobutadiene	11.031	225	42777	19.330	ng/u1	99
34) Caprolactam	11.613	113	23678m	18.421	ng/u1	
35) 4-Chloro-3-methylphenol	11.989	107	78305	19.882	ng/u1	98
36) 2-Methylnaphthalene	12.359	142	143479	19.275	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	147866	19.382	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.724	216	86026	19.421	ng/ul	100
40) Hexachlorocyclopentadiene	12.706	237	39512	16.585	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	58654	19.560	ng/ul	97
42) 2,4,5-Trichlorophenol	13.041	196	63032	19.713	ng/ul	99
43) 1,1'-Biphenyl	13.364	154	193228	18.675	ng/ul	97
44) 2-Chloronaphthalene	13.411	162	156926	19.075	ng/ul	98
45) 2-Nitroaniline	13.617	65	53792	18.824	ng/ul	99
47) Dimethylphthalate	13.987	163	211081	17.809	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	43060	18.801	ng/ul	98
50) Acenaphthylene	14.257	152	256466	19.214	ng/ul	99
51) 3-Nitroaniline	14.439	138	32672	17.118	ng/ul	85
52) Acenaphthene	14.598	153	176840	19.082	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	20155	16.535	ng/ul	98
55) 4-Nitrophenol	14.751	109	26199	19.090	ng/ul	99
56) Dibenzofuran	14.933	168	253236	19.191	ng/ul	100
57) 2,4-Dinitrotoluene	14.897	165	63438	19.204	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.162	232	58233	19.712	ng/ul#	100
59) Diethylphthalate	15.350	149	217348	17.801	ng/ul	98
61) Fluorene	15.579	166	208804	19.295	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	109420	19.047	ng/ul	100
63) 4-Nitroaniline	15.603	138	25396	14.705	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.661	198	35740	18.132	ng/ul	98
67) N-Nitrosodiphenylamine	15.785	169	174860	18.759	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	74997	18.829	ng/ul	97
69) Hexachlorobenzene	16.584	284	84307	18.758	ng/ul	98
70) Atrazine	16.731	200	70415	19.267	ng/ul	96
71) Pentachlorophenol	16.930	266	45349	17.975	ng/ul	90
72) Phenanthrene	17.324	178	338552	18.945	ng/ul	99
74) Anthracene	17.412	178	343886	19.168	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.335	216	90492	19.185	ng/uL	97
76) Pentachlorobenzene	14.850	250	97902	18.980	ng/uL	96
77) Carbazole	17.682	167	310391	19.959	ng/ul	99
78) Di-n-butylphthalate	18.235	149	387570	19.613	ng/ul	100
80) Fluoranthene	19.333	202	408598	18.721	ng/ul	100
82) Pyrene	19.698	202	411620	18.613	ng/ul	99
83) Butylbenzylphthalate	20.579	149	167793	19.268	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.431	252	146437	20.336	ng/ul	99
85) Benzo(a)anthracene	21.513	228	403123	18.593	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	243282	19.641	ng/ul	99
87) Chrysene	21.572	228	387406	18.838	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	417096	19.746	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	426378	18.563	ng/ul	99
91) Benzo(k)fluoranthene	23.728	252	410595	17.923	ng/ul	98
93) Benzo(a)pyrene	24.516	252	375300	18.370	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.229	276	491384	18.255	ng/ul	99
95) Dibenzo(a,h)anthracene	28.282	278	406286	18.407	ng/ul	97
96) Benzo(g,h,i)perylene	29.345	276	400410	18.258	ng/ul	98

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

