

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058128.D
 Acq On : 9 Jul 2023 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020504

Quant Time: Jul 10 01:51:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	45969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	205314	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.553	164	147212	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.297	188	371069	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	331250	20.000	ng/u1	0.00
88) Perylene-d12	24.706	264	412211	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	9951	7.580	ng/uL	0.00
4) Pyridine-d5	3.766	84	77227	19.377	ng/u1	0.00
7) Phenol-d5	7.080	99	86827	18.495	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	52955	18.718	ng/u1	0.00
11) 2-Chlorophenol-d4	7.450	132	60195	18.591	ng/u1	0.00
15) 4-Methylphenol-d8	8.625	113	66479	18.767	ng/u1	0.00
21) Nitrobenzene-d5	9.077	128	32363	19.340	ng/u1	0.00
24) 2-Nitrophenol-d4	9.800	143	35877	20.399	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	68023	20.162	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	104943	20.516	ng/u1	0.00
46) Dimethylphthalate-d6	13.954	166	219693	18.914	ng/u1	0.00
49) Acenaphthylene-d8	14.248	160	255749	20.178	ng/u1	0.00
54) 4-Nitrophenol-d4	14.753	143	37519	18.283	ng/u1	0.00
60) Fluorene-d10	15.546	176	200072	20.282	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.664	200	37773	18.747	ng/u1	0.00
73) Anthracene-d10	17.397	188	332810	19.329	ng/u1	0.00
81) Pyrene-d10	19.688	212	389813	18.685	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.489	264	399316	19.014	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	11320m	6.980	ng/uL	
5) Pyridine	3.783	79	78537	19.233	ng/u1	97
6) Benzaldehyde	7.050	77	15065	9.609	ng/u1	90
8) Phenol	7.109	94	91457	19.198	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.332	93	68563	18.639	ng/u1	100
12) 2-Chlorophenol	7.479	128	64071	19.016	ng/u1	97
13) 2-Methylphenol	8.360	108	69516	18.580	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.443	45	108172	19.104	ng/u1	97
16) Acetophenone	8.736	105	112534	19.148	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.719	70	59359	18.893	ng/u1	94
18) 4-Methylphenol	8.684	108	79302	19.602	ng/u1	95
19) Hexachloroethane	8.995	117	25168	19.485	ng/u1	98
22) Nitrobenzene	9.118	77	84256	19.395	ng/u1	98
23) Isophorone	9.635	82	176649	19.057	ng/u1	99
25) 2-Nitrophenol	9.829	139	37436	19.837	ng/u1	95
26) 2,4-Dimethylphenol	9.888	107	84734	19.967	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.123	93	97942	18.750	ng/u1	99
29) 2,4-Dichlorophenol	10.370	162	65847	20.073	ng/u1	95
30) Naphthalene	10.769	128	225947	19.582	ng/u1	99
32) 4-Chloroaniline	10.881	127	107371	20.528	ng/u1	96
33) Hexachlorobutadiene	11.051	225	44839	19.308	ng/u1	97
34) Caprolactam	11.627	113	25148	19.068	ng/u1	94
35) 4-Chloro-3-methylphenol	12.003	107	84954	21.083	ng/u1	97
36) 2-Methylnaphthalene	12.379	142	153733	19.765	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.597	142	153996	19.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.744	216	89394	19.926	ng/ul	99
40) Hexachlorocyclopentadiene	12.720	237	45130	15.971	ng/ul	97
41) 2,4,6-Trichlorophenol	12.984	196	62358	20.509	ng/ul	99
42) 2,4,5-Trichlorophenol	13.061	196	67488	20.523	ng/ul	99
43) 1,1'-Biphenyl	13.384	154	209529	19.751	ng/ul	100
44) 2-Chloronaphthalene	13.431	162	167903	19.720	ng/ul	100
45) 2-Nitroaniline	13.637	65	60194	20.334	ng/ul	93
47) Dimethylphthalate	14.001	163	226048	19.371	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	47618	19.880	ng/ul	96
50) Acenaphthylene	14.277	152	275598	20.135	ng/ul	98
51) 3-Nitroaniline	14.453	138	35615	17.594	ng/ul	100
52) Acenaphthene	14.618	153	188465	20.066	ng/ul	98
53) 2,4-Dinitrophenol	14.665	184	22997	18.416	ng/ul	93
55) 4-Nitrophenol	14.771	109	30127	19.818	ng/ul	91
56) Dibenzofuran	14.953	168	267787	20.057	ng/ul	97
57) 2,4-Dinitrotoluene	14.917	165	70710	20.835	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.176	232	61378	20.504	ng/ul	99
59) Diethylphthalate	15.364	149	234501	19.253	ng/ul	100
61) Fluorene	15.599	166	222929	20.350	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	115377	19.905	ng/ul	99
63) 4-Nitroaniline	15.617	138	20678m	11.403	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	39041	18.947	ng/ul	99
67) N-Nitrosodiphenylamine	15.805	169	187695	19.006	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	80436	19.748	ng/ul	98
69) Hexachlorobenzene	16.604	284	92084	20.192	ng/ul	98
70) Atrazine	16.751	200	76492	18.942	ng/ul	94
71) Pentachlorophenol	16.950	266	48728m	17.798	ng/ul	
72) Phenanthrene	17.344	178	370280	19.617	ng/ul	99
74) Anthracene	17.432	178	375911	19.680	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.355	216	94114	19.124	ng/uL	97
76) Pentachlorobenzene	14.870	250	103820	19.753	ng/uL	98
77) Carbazole	17.702	167	344402	19.937	ng/ul	99
78) Di-n-butylphthalate	18.255	149	432687	19.663	ng/ul	100
80) Fluoranthene	19.353	202	450090	18.619	ng/ul	99
82) Pyrene	19.718	202	457951	18.820	ng/ul	99
83) Butylbenzylphthalate	20.599	149	191483	19.406	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.451	252	163006	20.327	ng/ul	98
85) Benzo(a)anthracene	21.533	228	460623	19.367	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	278138	19.670	ng/ul	99
87) Chrysene	21.598	228	441075	19.783	ng/ul	99
89) Di-n-octyl phthalate	22.620	149	493310	19.477	ng/ul	100
90) Benzo(b)fluoranthene	23.701	252	488905	19.155	ng/ul	96
91) Benzo(k)fluoranthene	23.766	252	471354	18.841	ng/ul	99
93) Benzo(a)pyrene	24.553	252	423363	18.741	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.296	276	571079	19.037	ng/ul	99
95) Dibenzo(a,h)anthracene	28.355	278	474110	19.166	ng/ul	98
96) Benzo(g,h,i)perylene	29.412	276	460224	18.783	ng/ul	98

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

