

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100223\
 Data File : BG059257.D
 Acq On : 2 Oct 2023 21:04
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020580

Quant Time: Oct 03 00:27:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	55416	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	269153	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	170311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.613	188	374498	20.000	ng/u1	0.00
79) Chrysene-d12	21.914	240	335643	20.000	ng/u1	0.00
88) Perylene-d12	25.386	264	393911	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	12166	8.286	ng/uL	0.00
4) Pyridine-d5	3.964	84	93051	21.720	ng/u1	0.00
7) Phenol-d5	7.360	99	129252	23.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	78318	22.102	ng/u1	0.00
11) 2-Chlorophenol-d4	7.748	132	89437	23.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.929	113	98737	23.027	ng/u1	0.00
21) Nitrobenzene-d5	9.434	128	49499	26.062	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	49408	26.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	96147	25.102	ng/u1	0.00
31) 4-Chloroaniline-d4	11.220	131	141611	22.851	ng/u1	0.00
46) Dimethylphthalate-d6	14.258	166	288611	23.439	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	357079	23.104	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	49205	22.883	ng/u1	0.00
60) Fluorene-d10	15.850	176	261738	22.333	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	44957	23.354	ng/u1	0.00
73) Anthracene-d10	17.713	188	401879	23.551	ng/u1	0.00
81) Pyrene-d10	19.986	212	444030	23.623	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.139	264	443438	23.426	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	13571	7.867	ng/uL#	71
5) Pyridine	3.988	79	93243	21.433	ng/u1	88
6) Benzaldehyde	7.372	77	61787	25.364	ng/u1	97
8) Phenol	7.384	94	125830	22.803	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.648	93	101515	22.431	ng/u1	90
12) 2-Chlorophenol	7.783	128	93772	23.851	ng/u1	98
13) 2-Methylphenol	8.659	108	90226	21.642	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.735	45	223855m	22.375	ng/u1	
16) Acetophenone	9.070	105	145339	21.886	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.035	70	74085	21.993	ng/u1	97
18) 4-Methylphenol	8.988	108	101074	22.882	ng/u1	89
19) Hexachloroethane	9.311	117	36154	23.343	ng/u1	93
22) Nitrobenzene	9.475	77	108283	23.096	ng/u1	97
23) Isophorone	9.980	82	226225	22.438	ng/u1	100
25) 2-Nitrophenol	10.180	139	52889	25.744	ng/u1	93
26) 2,4-Dimethylphenol	10.204	107	105409	23.996	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.462	93	144948	22.786	ng/u1	99
29) 2,4-Dichlorophenol	10.703	162	91742	24.095	ng/u1	94
30) Naphthalene	11.126	128	330281	22.887	ng/u1	97
32) 4-Chloroaniline	11.244	127	135810	22.918	ng/u1	93
33) Hexachlorobutadiene	11.349	225	59265	23.258	ng/u1	94
34) Caprolactam	12.013	113	30819m	23.394	ng/u1	
35) 4-Chloro-3-methylphenol	12.325	107	98207	24.175	ng/u1	89
36) 2-Methylnaphthalene	12.707	142	213527	22.586	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.924	142	224450	23.392	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.053	216	114270	22.411	ng/ul#	94
40) Hexachlorocyclopentadiene	13.006	237	67613	21.497	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.300	196	79151	25.355	ng/ul	94
42) 2,4,5-Trichlorophenol	13.365	196	83603m	25.522	ng/ul	
43) 1,1'-Biphenyl	13.700	154	314457	22.862	ng/ul	98
44) 2-Chloronaphthalene	13.753	162	238348	23.016	ng/ul	94
45) 2-Nitroaniline	13.976	65	75780	25.942	ng/ul	91
47) Dimethylphthalate	14.305	163	286326	22.702	ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	59568	27.769	ng/ul	93
50) Acenaphthylene	14.599	152	377758	22.898	ng/ul	96
51) 3-Nitroaniline	14.793	138	58203	25.134	ng/ul#	90
52) Acenaphthene	14.928	153	262429	23.175	ng/ul	93
53) 2,4-Dinitrophenol	14.986	184	19551	16.396	ng/ul#	84
55) 4-Nitrophenol	15.069	109	34311	22.621	ng/ul	90
56) Dibenzofuran	15.263	168	343439	22.880	ng/ul	98
57) 2,4-Dinitrotoluene	15.227	165	80727	25.416	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.468	232	73449	24.769	ng/ul	94
59) Diethylphthalate	15.650	149	278543	22.845	ng/ul	96
61) Fluorene	15.909	166	286948	22.768	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.891	204	144214	22.954	ng/ul	99
63) 4-Nitroaniline	15.950	138	51126	23.991	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.979	198	49576	24.425	ng/ul#	79
67) N-Nitrosodiphenylamine	16.109	169	235530	23.594	ng/ul	96
68) 4-Bromophenyl-phenylether	16.784	248	84239	23.219	ng/ul	91
69) Hexachlorobenzene	16.878	284	98421	24.013	ng/ul	95
70) Atrazine	17.043	200	89567	23.596	ng/ul	95
71) Pentachlorophenol	17.237	266	54976	23.305	ng/ul#	79
72) Phenanthrene	17.654	178	474873	23.106	ng/ul	98
74) Anthracene	17.748	178	490290	23.103	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.659	216	118727	24.058	ng/ul	93
76) Pentachlorobenzene	15.157	250	113637	23.320	ng/ul	96
77) Carbazole	18.024	167	411259	23.777	ng/ul	98
78) Di-n-butylphthalate	18.529	149	489672	23.883	ng/ul	99
80) Fluoranthene	19.652	202	544524	23.516	ng/ul	96
82) Pyrene	20.016	202	569689	23.228	ng/ul	99
83) Butylbenzylphthalate	20.868	149	208865	24.149	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.808	252	192976	24.826	ng/ul	95
85) Benzo(a)anthracene	21.890	228	549038	23.237	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.726	149	312527	23.796	ng/ul	97
87) Chrysene	21.961	228	520447	23.322	ng/ul	96
89) Di-n-octyl phthalate	23.018	149	530626	23.162	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	549452	22.774	ng/ul	99
91) Benzo(k)fluoranthene	24.334	252	562890	23.026	ng/ul	99
93) Benzo(a)pyrene	25.216	252	532382	23.261	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.405	276	587552m	22.678	ng/ul	
95) Dibenzo(a,h)anthracene	29.475	278	472186	22.411	ng/ul	99
96) Benzo(g,h,i)perylene	30.674	276	474977	22.547	ng/ul	97

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

