

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059583.D
 Acq On : 1 Nov 2023 17:22
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020468

Quant Time: Nov 02 03:27:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	84380	20.000	ng/u1	0.00
20) Naphthalene-d8	11.209	136	403023	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	270740	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	592990	20.000	ng/u1	0.00
79) Chrysene-d12	22.078	240	438018	20.000	ng/u1	# 0.00
88) Perylene-d12	25.686	264	488893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.659	96	13167m	5.838	ng/uL	0.00
4) Pyridine-d5	4.088	84	107310	17.027	ng/u1	0.00
7) Phenol-d5	7.466	99	152645	17.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	66542	16.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.865	132	125518	17.843	ng/u1	0.00
15) 4-Methylphenol-d8	9.041	113	135042	19.630	ng/u1	0.00
21) Nitrobenzene-d5	9.558	128	68479	23.897	ng/u1	0.00
24) 2-Nitrophenol-d4	10.274	143	76563	26.026	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	139187	21.474	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	205842	19.292	ng/u1	0.00
46) Dimethylphthalate-d6	14.381	166	401970	16.388	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	520652	18.087	ng/u1	0.00
54) 4-Nitrophenol-d4	15.157	143	84533	20.097	ng/u1	0.00
60) Fluorene-d10	15.974	176	408774	19.500	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	68782	24.493	ng/u1	0.00
73) Anthracene-d10	17.836	188	612890	19.078	ng/u1	0.00
81) Pyrene-d10	20.110	212	609253	20.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.433	264	549700	19.094	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.694	88	14819	5.871	ng/uL	96
5) Pyridine	4.111	79	97414	15.670	ng/u1#	81
6) Benzaldehyde	7.507	77	87057	22.291	ng/u1	89
8) Phenol	7.495	94	143121	17.508	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.771	93	103843	17.323	ng/u1	96
12) 2-Chlorophenol	7.907	128	130183	18.667	ng/u1	96
13) 2-Methylphenol	8.776	108	132530	19.448	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.876	45	89053m	15.786	ng/u1	
16) Acetophenone	9.199	105	204093	18.821	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.164	70	90267	17.667	ng/u1#	95
18) 4-Methylphenol	9.099	108	140670	19.401	ng/u1	94
19) Hexachloroethane	9.446	117	55700	20.110	ng/u1#	80
22) Nitrobenzene	9.599	77	141016	22.799	ng/u1	95
23) Isophorone	10.110	82	287170	18.436	ng/u1#	94
25) 2-Nitrophenol	10.304	139	77561	24.515	ng/u1#	80
26) 2,4-Dimethylphenol	10.327	107	163058	19.594	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.592	93	150801	17.387	ng/u1#	97
29) 2,4-Dichlorophenol	10.827	162	130733	20.848	ng/u1#	88
30) Naphthalene	11.256	128	466000	18.551	ng/u1#	96
32) 4-Chloroaniline	11.373	127	199671	19.701	ng/u1	90
33) Hexachlorobutadiene	11.491	225	68986	18.339	ng/u1	95
34) Caprolactam	12.143	113	42342m	18.458	ng/u1	
35) 4-Chloro-3-methylphenol	12.431	107	151997	20.315	ng/u1#	82
36) 2-Methylnaphthalene	12.836	142	312391	18.077	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.054	142	331340	19.250	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.177	216	141305	18.095	ng/ul	95
40) Hexachlorocyclopentadiene	13.130	237	68239	14.991	ng/ul	92
41) 2,4,6-Trichlorophenol	13.412	196	101452	18.762	ng/ul	96
42) 2,4,5-Trichlorophenol	13.482	196	105545	18.030	ng/ul	96
43) 1,1'-Biphenyl	13.823	154	420675	17.176	ng/ul	98
44) 2-Chloronaphthalene	13.876	162	324339	17.038	ng/ul	97
45) 2-Nitroaniline	14.088	65	85352	24.097	ng/ul	95
47) Dimethylphthalate	14.428	163	404452	16.690	ng/ul#	95
48) 2,6-Dinitrotoluene	14.569	165	84180	23.028	ng/ul#	71
50) Acenaphthylene	14.716	152	601394	18.133	ng/ul	99
51) 3-Nitroaniline	14.904	138	110980	24.356	ng/ul#	86
52) Acenaphthene	15.051	153	399974	18.501	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	42548	20.484	ng/ul#	83
55) 4-Nitrophenol	15.169	109	110974	23.940	ng/ul	97
56) Dibenzofuran	15.380	168	535258	19.097	ng/ul	94
57) 2,4-Dinitrotoluene	15.345	165	125573	24.420	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.592	232	102142	22.231	ng/ul	95
59) Diethylphthalate	15.774	149	488451	18.477	ng/ul	97
61) Fluorene	16.032	166	461821	19.086	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.015	204	199716	19.313	ng/ul	94
63) 4-Nitroaniline	16.068	138	125314	25.914	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	16.091	198	63125	21.329	ng/ul#	81
67) N-Nitrosodiphenylamine	16.232	169	377084	18.610	ng/ul	96
68) 4-Bromophenyl-phenylether	16.914	248	121630	20.498	ng/ul	94
69) Hexachlorobenzene	17.002	284	143353	20.903	ng/ul	94
70) Atrazine	17.160	200	130156	20.730	ng/ul	92
71) Pentachlorophenol	17.354	266	88605	22.616	ng/ul	88
72) Phenanthrene	17.783	178	739105	19.173	ng/ul	100
74) Anthracene	17.871	178	754124	19.374	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.782	216	142240	18.012	ng/ul	88
76) Pentachlorobenzene	15.274	250	150980	20.148	ng/ul	95
77) Carbazole	18.148	167	676909	20.244	ng/ul	98
78) Di-n-butylphthalate	18.659	149	840608	18.297	ng/ul	99
80) Fluoranthene	19.775	202	758030	20.425	ng/ul	98
82) Pyrene	20.139	202	755242	19.591	ng/ul#	95
83) Butylbenzylphthalate	21.003	149	354471	20.360	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.961	252	238772	20.962	ng/ul#	98
85) Benzo(a)anthracene	22.055	228	674679	18.717	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.896	149	491961	18.938	ng/ul#	99
87) Chrysene	22.125	228	629997	18.789	ng/ul	95
89) Di-n-octyl phthalate	23.247	149	852655	19.920	ng/ul	100
90) Benzo(b)fluoranthene	24.517	252	655457m	18.496	ng/ul	
91) Benzo(k)fluoranthene	24.593	252	668557	18.887	ng/ul	95
93) Benzo(a)pyrene	25.510	252	633857	18.924	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.875	276	807866m	19.029	ng/ul	
95) Dibenzo(a,h)anthracene	29.969	278	657039	18.738	ng/ul	98
96) Benzo(g,h,i)perylene	31.215	276	652112m	18.767	ng/ul	

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

