

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
 Data File : BG059498.D
 Acq On : 20 Oct 2023 9:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020457

Quant Time: Oct 21 00:05:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 03:52:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	36052	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	176387	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.835	164	111268	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.579	188	330772	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.874	240	276110	20.000	ng/ul	0.00
88) Perylene-d12	25.317	264	318977	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	9120	7.980	ng/uL	0.00
4) Pyridine-d5	3.907	84	88020	22.429	ng/ul	0.00
7) Phenol-d5	7.314	99	86194	23.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	52204	25.351	ng/ul	0.00
11) 2-Chlorophenol-d4	7.702	132	64457	22.462	ng/ul	0.00
15) 4-Methylphenol-d8	8.883	113	65035	21.013	ng/ul	0.00
21) Nitrobenzene-d5	9.388	128	32109	18.653	ng/ul	0.00
24) 2-Nitrophenol-d4	10.111	143	35101	20.717	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.634	165	63040	20.110	ng/ul	0.00
31) 4-Chloroaniline-d4	11.180	131	94085	20.213	ng/ul	0.00
46) Dimethylphthalate-d6	14.224	166	202541	18.745	ng/ul	0.00
49) Acenaphthylene-d8	14.535	160	239199	19.230	ng/ul	0.00
54) 4-Nitrophenol-d4	15.023	143	37374	21.086	ng/ul	0.00
60) Fluorene-d10	15.816	176	188133	20.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	36033	16.198	ng/ul	0.00
73) Anthracene-d10	17.679	188	347572m	19.082	ng/ul	0.00
81) Pyrene-d10	19.953	212	356767	19.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.076	264	350799	19.218	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.513	88	11106	8.541	ng/uL	90
5) Pyridine	3.930	79	89590	22.037	ng/ul#	86
6) Benzaldehyde	7.332	77	44210	27.334	ng/ul	95
8) Phenol	7.344	94	83041	23.379	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.608	93	66338	21.635	ng/ul	97
12) 2-Chlorophenol	7.737	128	64026	22.130	ng/ul	93
13) 2-Methylphenol	8.619	108	61755	20.456	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.695	45	146954	21.507	ng/ul#	96
16) Acetophenone	9.030	105	97048	20.771	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.995	70	48258	19.881	ng/ul#	95
18) 4-Methylphenol	8.948	108	66884	20.495	ng/ul	96
19) Hexachloroethane	9.271	117	25099	21.087	ng/ul	97
22) Nitrobenzene	9.430	77	69150	17.448	ng/ul	97
23) Isophorone	9.935	82	148617	19.551	ng/ul	97
25) 2-Nitrophenol	10.141	139	37089	20.797	ng/ul	97
26) 2,4-Dimethylphenol	10.164	107	66060	19.503	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.423	93	91330	19.332	ng/ul	95
29) 2,4-Dichlorophenol	10.663	162	59933	19.022	ng/ul#	94
30) Naphthalene	11.081	128	217463	19.619	ng/ul	97
32) 4-Chloroaniline	11.204	127	89633	20.296	ng/ul	93
33) Hexachlorobutadiene	11.310	225	37816	18.712	ng/ul#	84
34) Caprolactam	11.974	113	22466m	22.754	ng/ul	
35) 4-Chloro-3-methylphenol	12.285	107	61543	19.872	ng/ul	94
36) 2-Methylnaphthalene	12.673	142	144079	19.695	ng/ul	98

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37) 1-Methylnaphthalene	12.890	142	144988	19.446	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.020	216	74494	19.870	ng/ul	95
40) Hexachlorocyclopentadiene	12.973	237	37807	18.091	ng/ul	98
41) 2,4,6-Trichlorophenol	13.260	196	44652	19.403	ng/ul	94
42) 2,4,5-Trichlorophenol	13.337	196	49759	18.906	ng/ul	96
43) 1,1'-Biphenyl	13.666	154	203400	19.511	ng/ul	99
44) 2-Chloronaphthalene	13.719	162	155605	18.984	ng/ul	99
45) 2-Nitroaniline	13.936	65	49499	18.523	ng/ul	89
47) Dimethylphthalate	14.271	163	198220	18.582	ng/ul	98
48) 2,6-Dinitrotoluene	14.424	165	39397	18.762	ng/ul	99
50) Acenaphthylene	14.565	152	251917	18.809	ng/ul	97
51) 3-Nitroaniline	14.759	138	44393	21.933	ng/ul	86
52) Acenaphthene	14.894	153	169059	19.589	ng/ul	96
53) 2,4-Dinitrophenol	14.964	184	17649	16.569	ng/ul#	80
55) 4-Nitrophenol	15.035	109	26115	21.263	ng/ul	95
56) Dibenzofuran	15.229	168	235256	20.217	ng/ul	96
57) 2,4-Dinitrotoluene	15.199	165	56483	19.656	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.440	232	47198	20.016	ng/ul	96
59) Diethylphthalate	15.622	149	196143	20.147	ng/ul	98
61) Fluorene	15.875	166	197436	20.270	ng/ul#	93
62) 4-Chlorophenyl-phenyle...	15.857	204	98187	19.758	ng/ul	97
63) 4-Nitroaniline	15.916	138	45336	23.129	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.945	198	36436	15.444	ng/ul#	78
67) N-Nitrosodiphenylamine	16.081	169	172065	16.836	ng/ul	97
68) 4-Bromophenyl-phenylether	16.756	248	59425	15.928	ng/ul	90
69) Hexachlorobenzene	16.850	284	69837	16.526	ng/ul	94
70) Atrazine	17.009	200	65119	17.867	ng/ul	94
71) Pentachlorophenol	17.209	266	43186	18.195	ng/ul	94
72) Phenanthrene	17.626	178	416589	19.299	ng/ul	95
74) Anthracene	17.714	178	435226	19.585	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.631	216	75684	15.553	ng/uL	94
76) Pentachlorobenzene	15.123	250	79015	16.579	ng/uL	94
77) Carbazole	17.990	167	422678	23.731	ng/ul#	95
78) Di-n-butylphthalate	18.495	149	484965	22.309	ng/ul	98
80) Fluoranthene	19.618	202	433810	19.416	ng/ul	96
82) Pyrene	19.982	202	461156	19.582	ng/ul	99
83) Butylbenzylphthalate	20.834	149	165988	20.307	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.768	252	160523	21.670	ng/ul	97
85) Benzo(a)anthracene	21.850	228	446098	19.519	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.680	149	231441	19.406	ng/ul	97
87) Chrysene	21.921	228	420906	19.702	ng/ul	98
89) Di-n-octyl phthalate	22.961	149	403825	20.954	ng/ul	100
90) Benzo(b)fluoranthene	24.201	252	442874	19.500	ng/ul	96
91) Benzo(k)fluoranthene	24.277	252	456823	19.455	ng/ul	98
93) Benzo(a)pyrene	25.152	252	428130	19.789	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	29.300	276	481893m	19.568	ng/ul	
95) Dibenzo(a,h)anthracene	29.371	278	398667	19.906	ng/ul	98
96) Benzo(g,h,i)perylene	30.546	276	395281m	19.114	ng/ul	

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

