

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110221\
 Data File : BG050803.D
 Acq On : 1 Nov 2021 19:27
 Operator : CG/JU
 Sample : SST01055
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST010406

Quant Time: Nov 02 00:51:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 00:48:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 11/02/2021

Supervised By :mohammad
 ahmed
 11/03/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	29437	20.000	ng/u1	0.00
20) Naphthalene-d8	11.062	136	131585	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.858	164	89037	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.601	188	203932	20.000	ng/u1	0.00
79) Chrysene-d12	21.902	240	180852	20.000	ng/u1	0.00
88) Perylene-d12	25.304	264	177469	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	3383	4.528	ng/uL	0.00
4) Pyridine-d5	4.023	84	24033	10.158	ng/u1	0.00
7) Phenol-d5	7.378	99	29294	10.709	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	19827	11.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.760	132	20807	10.829	ng/u1	0.00
15) 4-Methylphenol-d8	8.935	113	23370	11.065	ng/u1	0.00
21) Nitrobenzene-d5	9.405	128	11230	11.181	ng/u1	0.00
24) 2-Nitrophenol-d4	10.134	143	12243	10.809	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	21415	10.766	ng/u1	0.00
31) 4-Chloroaniline-d4	11.191	131	30561	10.469	ng/u1	0.00
46) Dimethylphthalate-d6	14.246	166	68948	10.965	ng/u1	0.00
49) Acenaphthylene-d8	14.552	160	87304	11.180	ng/u1	0.00
54) 4-Nitrophenol-d4	15.046	143	11255	9.890	ng/u1	0.00
60) Fluorene-d10	15.845	176	61186	11.323	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	10747	9.005	ng/u1	0.00
73) Anthracene-d10	17.701	188	99838	11.418	ng/u1	0.00
81) Pyrene-d10	19.975	212	115636	11.220	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.069	264	93559	10.246	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.630	88	4510m	4.866	ng/uL	
5) Pyridine	4.041	79	27231	11.069	ng/u1	95
6) Benzaldehyde	7.366	77	23763	17.410	ng/u1	98
8) Phenol	7.402	94	30540	10.702	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.642	93	23846	11.076	ng/u1	97
12) 2-Chlorophenol	7.789	128	22121	11.454	ng/u1	95
13) 2-Methylphenol	8.671	108	22106	10.463	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.753	45	37726	11.100	ng/u1	99
16) Acetophenone	9.058	105	38554	11.655	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.035	70	22859	11.426	ng/u1#	96
18) 4-Methylphenol	9.000	108	24492	10.991	ng/u1	89
19) Hexachloroethane	9.329	117	9379	11.254	ng/u1	89
22) Nitrobenzene	9.446	77	31850	10.911	ng/u1	98
23) Isophorone	9.969	82	60504	10.903	ng/u1	97
25) 2-Nitrophenol	10.163	139	12691	10.753	ng/u1	99
26) 2,4-Dimethylphenol	10.210	107	28872	11.190	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.445	93	33383	11.095	ng/u1	97
29) 2,4-Dichlorophenol	10.704	162	20609m	10.724	ng/u1	
30) Naphthalene	11.109	128	75369	11.228	ng/u1	97
32) 4-Chloroaniline	11.215	127	31502	10.745	ng/u1	98
33) Hexachlorobutadiene	11.379	225	14418	11.071	ng/u1	98
34) Caprolactam	11.973	113	8158m	10.228	ng/u1	
35) 4-Chloro-3-methylphenol	12.313	107	25831	10.796	ng/u1	97
36) 2-Methylnaphthalene	12.701	142	49750	11.082	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.919	142	50865	11.218	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.060	216	26757	10.817	ng/ul	97
40) Hexachlorocyclopentadiene	13.036	237	8742	6.576	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.301	196	17347	10.655	ng/ul	91
42) 2,4,5-Trichlorophenol	13.377	196	17791	10.354	ng/ul	90
43) 1,1'-Biphenyl	13.694	154	68130	11.044	ng/ul	98
44) 2-Chloronaphthalene	13.741	162	52655	11.022	ng/ul	97
45) 2-Nitroaniline	13.941	65	19401	10.182	ng/ul	92
47) Dimethylphthalate	14.299	163	70516	11.168	ng/ul	98
48) 2,6-Dinitrotoluene	14.429	165	14028	10.781	ng/ul	99
50) Acenaphthylene	14.581	152	88129	11.039	ng/ul	98
51) 3-Nitroaniline	14.758	138	14877	11.832	ng/ul	91
52) Acenaphthene	14.922	153	56258	10.786	ng/ul	98
53) 2,4-Dinitrophenol	14.975	184	5011	6.905	ng/ul#	89
55) 4-Nitrophenol	15.057	109	10720m	9.796	ng/ul	
56) Dibenzofuran	15.251	168	83069	11.264	ng/ul	95
57) 2,4-Dinitrotoluene	15.210	165	19864	10.640	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.474	232	14277	10.660	ng/ul#	99
59) Diethylphthalate	15.651	149	75872	11.248	ng/ul	97
61) Fluorene	15.903	166	66029	11.280	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.886	204	34397	11.142	ng/ul	99
63) 4-Nitroaniline	15.915	138	15480	13.153	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.974	198	10730	9.308	ng/ul	93
67) N-Nitrosodiphenylamine	16.097	169	59259	10.936	ng/ul	98
68) 4-Bromophenyl-phenylether	16.779	248	20498	10.668	ng/ul	95
69) Hexachlorobenzene	16.902	284	21363	10.887	ng/ul	100
70) Atrazine	17.037	200	25523	11.002	ng/ul	98
71) Pentachlorophenol	17.249	266	5220m	5.220	ng/ul	
72) Phenanthrene	17.643	178	112150	11.001	ng/ul	100
74) Anthracene	17.737	178	112525	11.065	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.659	216	28766	10.550	ng/uL	95
76) Pentachlorobenzene	15.169	250	26050	10.344	ng/uL	99
77) Carbazole	18.001	167	105297	11.151	ng/ul	98
78) Di-n-butylphthalate	18.536	149	138388	11.604	ng/ul	99
80) Fluoranthene	19.640	202	139340	10.608	ng/ul	98
82) Pyrene	20.004	202	137489	10.704	ng/ul	99
83) Butylbenzylphthalate	20.868	149	56666	10.407	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.785	252	47218	11.771	ng/ul#	97
85) Benzo(a)anthracene	21.879	228	123302	10.750	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.749	149	84585	10.916	ng/ul	100
87) Chrysene	21.949	228	119695	10.960	ng/ul	98
89) Di-n-octyl phthalate	23.019	149	141327	10.938	ng/ul	100
90) Benzo(b)fluoranthene	24.211	252	120626	10.649	ng/ul	98
91) Benzo(k)fluoranthene	24.288	252	115361	10.928	ng/ul	99
93) Benzo(a)pyrene	25.140	252	117828	10.852	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.205	276	130223m	10.854	ng/ul	
95) Dibenzo(a,h)anthracene	29.276	278	111088	10.765	ng/ul	99
96) Benzo(g,h,i)perylene	30.439	276	108018	10.777	ng/ul	97

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

