

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049372.D
 Acq On : 16 Jul 2021 10:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020216

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:52:58 AM

Quant Time: Jul 16 11:29:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	25741	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.888	136	106533	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.712	164	81014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	185755	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	196157	20.000	ng/ul	0.00
88) Perylene-d12	25.036	264	206532	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3864m	7.061	ng/uL	-0.03
4) Pyridine-d5	3.872	84	28633	17.795	ng/ul	-0.01
7) Phenol-d5	7.215	99	41119	18.364	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	24768	19.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.591	132	31790	19.210	ng/ul	-0.01
15) 4-Methylphenol-d8	8.772	113	34280	19.108	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	16964	20.751	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	18896	20.136	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.506	165	37280	20.359	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	49376	20.692	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	123411	19.808	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	142674	19.517	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	18569	18.006	ng/ul	0.00
60) Fluorene-d10	15.705	176	103810	19.679	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	20644	17.485	ng/ul	0.00
73) Anthracene-d10	17.562	188	174575	20.642	ng/ul	0.00
81) Pyrene-d10	19.848	212	207339	20.623	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.807	264	216333	20.150	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.484	88	5069	7.606	ng/uL#	79
5) Pyridine	3.890	79	30913	17.318	ng/ul#	87
6) Benzaldehyde	7.198	77	32111	23.839	ng/ul	98
8) Phenol	7.245	94	41907	18.715	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.474	93	31541	18.944	ng/ul#	79
12) 2-Chlorophenol	7.627	128	32599	19.516	ng/ul	96
13) 2-Methylphenol	8.508	108	31961	18.738	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.596	45	55830	20.847	ng/ul	96
16) Acetophenone	8.890	105	59331	20.161	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.872	70	31641	21.160	ng/ul	88
18) 4-Methylphenol	8.837	108	35914	20.239	ng/ul	98
19) Hexachloroethane	9.154	117	14919	19.726	ng/ul	95
22) Nitrobenzene	9.278	77	47738	20.707	ng/ul#	96
23) Isophorone	9.801	82	81576	20.484	ng/ul#	92
25) 2-Nitrophenol	9.994	139	19352	20.213	ng/ul	98
26) 2,4-Dimethylphenol	10.047	107	43818	20.670	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.282	93	43305	20.396	ng/ul	92
29) 2,4-Dichlorophenol	10.529	162	34093	20.377	ng/ul	96
30) Naphthalene	10.940	128	109816	20.675	ng/ul	97
32) 4-Chloroaniline	11.040	127	47482	20.182	ng/ul	98
33) Hexachlorobutadiene	11.222	225	27836	19.619	ng/ul	92
34) Caprolactam	11.804	113	11286m	19.390	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	38642	20.675	ng/ul#	91
36) 2-Methylnaphthalene	12.539	142	84420	20.919	ng/ul	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049372.D
 Acq On : 16 Jul 2021 10:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020216

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:52:58 AM

Quant Time: Jul 16 11:29:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.762	142	85850	21.392	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.909	216	51984	20.429	ng/ul#	97
40) Hexachlorocyclopentadiene	12.885	237	28450	16.835	ng/ul	97
41) 2,4,6-Trichlorophenol	13.150	196	32506	19.749	ng/ul	90
42) 2,4,5-Trichlorophenol	13.220	196	34282	19.582	ng/ul#	87
43) 1,1'-Biphenyl	13.543	154	111792	20.425	ng/ul	96
44) 2-Chloronaphthalene	13.590	162	85708	19.986	ng/ul	99
45) 2-Nitroaniline	13.790	65	32089	20.410	ng/ul	88
47) Dimethylphthalate	14.160	163	117372	20.296	ng/ul	98
48) 2,6-Dinitrotoluene	14.284	165	23830	19.134	ng/ul	86
50) Acenaphthylene	14.436	152	134774	20.729	ng/ul	98
51) 3-Nitroaniline	14.613	138	22133	19.516	ng/ul	88
52) Acenaphthene	14.777	153	94580	20.031	ng/ul	98
53) 2,4-Dinitrophenol	14.824	184	15097	19.127	ng/ul	91
55) 4-Nitrophenol	14.924	109	24904	19.130	ng/ul	97
56) Dibenzofuran	15.112	168	134620	20.118	ng/ul	97
57) 2,4-Dinitrotoluene	15.071	165	35543	19.777	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.335	232	29069	17.707	ng/ul#	90
59) Diethylphthalate	15.523	149	121041	19.472	ng/ul	99
61) Fluorene	15.764	166	112858	19.928	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.752	204	62190	19.975	ng/ul	96
63) 4-Nitroaniline	15.776	138	23718	21.303	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.835	198	18968	16.882	ng/ul#	96
67) N-Nitrosodiphenylamine	15.964	169	97895	20.699	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	44319	21.391	ng/ul	96
69) Hexachlorobenzene	16.769	284	47926	20.426	ng/ul	96
70) Atrazine	16.910	200	44384	20.506	ng/ul	94
71) Pentachlorophenol	17.116	266	26699	19.065	ng/ul	100
72) Phenanthrene	17.503	178	187126	20.654	ng/ul	98
74) Anthracene	17.597	178	191128	20.651	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.514	216	51571	20.351	ng/uL	91
76) Pentachlorobenzene	15.030	250	53759	19.997	ng/uL	92
77) Carbazole	17.868	167	166078	20.115	ng/ul	99
78) Di-n-butylphthalate	18.420	149	202408	19.594	ng/ul	99
80) Fluoranthene	19.513	202	235663	20.155	ng/ul	100
82) Pyrene	19.877	202	237712	20.404	ng/ul	98
83) Butylbenzylphthalate	20.758	149	87662	19.166	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.640	252	94913	20.710	ng/ul	98
85) Benzo(a)anthracene	21.728	228	241363	20.022	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.622	149	131236	19.672	ng/ul	99
87) Chrysene	21.792	228	232081	20.353	ng/ul	99
89) Di-n-octyl phthalate	22.862	149	219146	18.851	ng/ul	100
90) Benzo(b)fluoranthene	23.990	252	257395	20.202	ng/ul	98
91) Benzo(k)fluoranthene	24.054	252	250765	20.185	ng/ul	98
93) Benzo(a)pyrene	24.883	252	229948	20.508	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.784	276	299600	20.709	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.861	278	245829	20.515	ng/ul	93
96) Benzo(g,h,i)perylene	29.983	276	247751m	20.713	ng/ul	

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

