

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050392.D
 Acq On : 2 Oct 2021 16:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020524

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:51:25 AM

Quant Time: Oct 04 02:16:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	53328	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	221555	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	143103	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	310350	20.00	ng/ul	0.00
79) Chrysene-d12	21.936	240	284302	20.00	ng/ul	-0.01
88) Perylene-d12	25.356	264	283549	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	11806	8.13	ng/uL	0.00
4) Pyridine-d5	4.063	84	91495	21.15	ng/ul	0.00
7) Phenol-d5	7.400	99	100747	21.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	65093	22.20	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	71410	21.87	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	76609	21.72	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	34278	22.12	ng/ul	0.00
24) 2-Nitrophenol-d4	10.168	143	37842	22.75	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	70946	21.60	ng/ul	0.00
31) 4-Chloroaniline-d4	11.225	131	96214	20.50	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	201936	20.62	ng/ul	-0.01
49) Acenaphthylene-d8	14.586	160	264149	21.48	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	38758	20.55	ng/ul	0.00
60) Fluorene-d10	15.873	176	181888	20.61	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	31645	20.44	ng/ul	0.00
73) Anthracene-d10	17.730	188	279813	21.34	ng/ul	0.00
81) Pyrene-d10	20.003	212	319588	21.14	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.115	264	305209	21.41	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.675	88	13706m	7.80	ng/uL	
5) Pyridine	4.081	79	93646	21.37	ng/ul	98
6) Benzaldehyde	7.400	77	78019	25.39	ng/ul	100
8) Phenol	7.430	94	104542	21.89	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.677	93	77778	21.71	ng/ul	98
12) 2-Chlorophenol	7.829	128	72491	21.70	ng/ul#	94
13) 2-Methylphenol	8.693	108	76747	21.81	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.793	45	124202	23.11	ng/ul	99
16) Acetophenone	9.098	105	119945	21.41	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.075	70	72154	21.43	ng/ul#	94
18) 4-Methylphenol	9.022	108	80823	21.68	ng/ul	99
19) Hexachloroethane	9.363	117	31724	22.10	ng/ul	97
22) Nitrobenzene	9.480	77	104540	22.51	ng/ul	96
23) Isophorone	10.003	82	193246	21.65	ng/ul	98
25) 2-Nitrophenol	10.197	139	40231	23.53	ng/ul	95
26) 2,4-Dimethylphenol	10.238	107	91304	21.51	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.485	93	104652	21.71	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	68479	21.06	ng/ul	91
30) Naphthalene	11.149	128	237773	20.90	ng/ul	98
32) 4-Chloroaniline	11.249	127	97487	20.64	ng/ul	99
33) Hexachlorobutadiene	11.419	225	48859	20.67	ng/ul	97
34) Caprolactam	12.001	113	25686m	20.44	ng/ul	
35) 4-Chloro-3-methylphenol	12.336	107	83104	21.68	ng/ul	99
36) 2-Methylnaphthalene	12.735	142	159398	20.61	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	162079	20.82	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.094	216	88101	21.33	ng/ul	96
40) Hexachlorocyclopentadiene	13.064	237	50947	18.60	ng/ul	91
41) 2,4,6-Trichlorophenol	13.323	196	58262	22.38	ng/ul	96
42) 2,4,5-Trichlorophenol	13.393	196	63404	22.27	ng/ul	97
43) 1,1'-Biphenyl	13.722	154	211843	22.00	ng/ul	99
44) 2-Chloronaphthalene	13.769	162	163912	21.73	ng/ul	97
45) 2-Nitroaniline	13.963	65	60893	24.65	ng/ul	95
47) Dimethylphthalate	14.328	163	205150	20.82	ng/ul	98
48) 2,6-Dinitrotoluene	14.451	165	41468	22.37	ng/ul	93
50) Acenaphthylene	14.616	152	268317	21.51	ng/ul	98
51) 3-Nitroaniline	14.780	138	46920	23.27	ng/ul	85
52) Acenaphthene	14.950	153	177195	21.49	ng/ul	97
53) 2,4-Dinitrophenol	14.980	184	21584	18.68	ng/ul	93
55) 4-Nitrophenol	15.062	109	38827	20.82	ng/ul	90
56) Dibenzofuran	15.285	168	248461	20.72	ng/ul	96
57) 2,4-Dinitrotoluene	15.232	165	58859	21.87	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.497	232	51044	20.85	ng/ul	90
59) Diethylphthalate	15.685	149	213353	20.75	ng/ul	99
61) Fluorene	15.932	166	192682	20.20	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.914	204	104146	20.16	ng/ul	98
63) 4-Nitroaniline	15.937	138	44195	21.71	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.996	198	31543	20.61	ng/ul	95
67) N-Nitrosodiphenylamine	16.125	169	174765	22.27	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	61475	21.28	ng/ul	94
69) Hexachlorobenzene	16.930	284	63919	21.01	ng/ul	98
70) Atrazine	17.066	200	71075	21.27	ng/ul	96
71) Pentachlorophenol	17.271	266	40726	20.44	ng/ul	98
72) Phenanthrene	17.671	178	328052	21.18	ng/ul	98
74) Anthracene	17.765	178	327324	21.33	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	95108	23.24	ng/uL	99
76) Pentachlorobenzene	15.197	250	84609	22.63	ng/uL	98
77) Carbazole	18.029	167	305199	22.22	ng/ul	99
78) Di-n-butylphthalate	18.570	149	359090	22.07	ng/ul	99
80) Fluoranthene	19.668	202	406437	21.41	ng/ul	98
82) Pyrene	20.033	202	399126	21.32	ng/ul	97
83) Butylbenzylphthalate	20.902	149	158797	23.01	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.819	252	134749	23.00	ng/ul	98
85) Benzo(a)anthracene	21.913	228	367756	21.46	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.795	149	233019	23.50	ng/ul	98
87) Chrysene	21.983	228	350994	21.37	ng/ul	99
89) Di-n-octyl phthalate	23.082	149	394051	24.19	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	371388	21.50	ng/ul	98
91) Benzo(k)fluoranthene	24.334	252	344793	21.45	ng/ul	98
93) Benzo(a)pyrene	25.191	252	351401	21.32	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.275	276	393894	21.29	ng/ul	99
95) Dibenzo(a,h)anthracene	29.357	278	335324	21.30	ng/ul	100
96) Benzo(g,h,i)perylene	30.515	276	324042m	20.78	ng/ul	

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

