

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050404.D
 Acq On : 3 Oct 2021 1:11
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020525

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:52:16 AM

Quant Time: Oct 04 03:18:40 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	8.271	152	56123	20.00	ng/ul	0.00
20) Naphthalene-d8	11.097	136	227400	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	149346	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	333434	20.00	ng/ul	0.00
79) Chrysene-d12	21.937	240	295389	20.00	ng/ul	-0.01
88) Perylene-d12	25.363	264	295502	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	11879	7.78	ng/uL	0.00
4) Pyridine-d5	4.064	84	90477	19.88	ng/ul	0.00
7) Phenol-d5	7.401	99	100872	20.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	63724	20.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	72351	21.06	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	78506	21.15	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	36021	22.64	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	39152	22.93	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	73319	21.75	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	99839	20.73	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	210691	20.61	ng/ul	-0.01
49) Acenaphthylene-d8	14.587	160	272725	21.25	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	42610	21.65	ng/ul	0.00
60) Fluorene-d10	15.874	176	189897	20.62	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.985	200	28080	16.88	ng/ul	0.00
73) Anthracene-d10	17.730	188	296271	21.03	ng/ul	0.00
81) Pyrene-d10	20.004	212	337277	21.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.128	264	309039	20.80	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	12347	6.68	ng/uL#	78
5) Pyridine	4.082	79	93379	20.25	ng/ul	97
6) Benzaldehyde	7.401	77	79482	24.58	ng/ul	98
8) Phenol	7.431	94	105923	21.08	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	78526	20.83	ng/ul	98
12) 2-Chlorophenol	7.830	128	73603	20.94	ng/ul	96
13) 2-Methylphenol	8.700	108	77709	20.98	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.794	45	122673	21.69	ng/ul	99
16) Acetophenone	9.099	105	121904	20.67	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.076	70	73194	20.65	ng/ul	94
18) 4-Methylphenol	9.023	108	81487	20.77	ng/ul	95
19) Hexachloroethane	9.364	117	31182	20.64	ng/ul	97
22) Nitrobenzene	9.481	77	107048	22.45	ng/ul	97
23) Isophorone	10.004	82	194992	21.28	ng/ul	99
25) 2-Nitrophenol	10.198	139	41422	23.61	ng/ul	97
26) 2,4-Dimethylphenol	10.239	107	93311	21.42	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.486	93	103107	20.84	ng/ul	98
29) 2,4-Dichlorophenol	10.727	162	71021	21.28	ng/ul	100
30) Naphthalene	11.150	128	241506	20.69	ng/ul	98
32) 4-Chloroaniline	11.250	127	100763	20.78	ng/ul	97
33) Hexachlorobutadiene	11.420	225	49849	20.55	ng/ul	98
34) Caprolactam	12.008	113	27098m	21.01	ng/ul	
35) 4-Chloro-3-methylphenol	12.343	107	85898	21.83	ng/ul	98
36) 2-Methylnaphthalene	12.736	142	163036	20.54	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.954	142	163296	20.44	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.095	216	91143	21.15	ng/ul	99
40) Hexachlorocyclopentadiene	13.071	237	47054	16.46	ng/ul	95
41) 2,4,6-Trichlorophenol	13.324	196	62158	22.88	ng/ul	98
42) 2,4,5-Trichlorophenol	13.394	196	66018	22.22	ng/ul	92
43) 1,1'-Biphenyl	13.723	154	215998	21.49	ng/ul	100
44) 2-Chloronaphthalene	13.770	162	168975	21.46	ng/ul	97
45) 2-Nitroaniline	13.970	65	65686	25.48	ng/ul	90
47) Dimethylphthalate	14.329	163	211166	20.53	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	44584	23.05	ng/ul	96
50) Acenaphthylene	14.616	152	277511	21.31	ng/ul	98
51) 3-Nitroaniline	14.787	138	52125	24.77	ng/ul	97
52) Acenaphthene	14.951	153	181655	21.11	ng/ul	97
53) 2,4-Dinitrophenol	14.987	184	17903	14.85	ng/ul	92
55) 4-Nitrophenol	15.069	109	41618	21.38	ng/ul	95
56) Dibenzofuran	15.286	168	258139	20.63	ng/ul	95
57) 2,4-Dinitrotoluene	15.239	165	62614	22.29	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.504	232	55018	21.53	ng/ul#	97
59) Diethylphthalate	15.686	149	221707	20.66	ng/ul	98
61) Fluorene	15.933	166	204341	20.52	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.921	204	108892	20.19	ng/ul	99
63) 4-Nitroaniline	15.938	138	53433	25.15	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.997	198	27283	16.60	ng/ul	95
67) N-Nitrosodiphenylamine	16.126	169	182985	21.70	ng/ul	98
68) 4-Bromophenyl-phenylether	16.814	248	64972	20.93	ng/ul	98
69) Hexachlorobenzene	16.931	284	68622	20.99	ng/ul	98
70) Atrazine	17.066	200	78160	21.77	ng/ul	96
71) Pentachlorophenol	17.272	266	45253	21.14	ng/ul	99
72) Phenanthrene	17.678	178	347633	20.89	ng/ul	99
74) Anthracene	17.766	178	350220	21.25	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	97916	22.27	ng/uL	99
76) Pentachlorobenzene	15.204	250	89277	22.23	ng/uL	97
77) Carbazole	18.030	167	324817	22.02	ng/ul	99
78) Di-n-butylphthalate	18.571	149	388922	22.24	ng/ul	100
80) Fluoranthene	19.669	202	422621	21.43	ng/ul	100
82) Pyrene	20.034	202	416019	21.39	ng/ul	99
83) Butylbenzylphthalate	20.903	149	165295	23.06	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	123201	20.24	ng/ul	97
85) Benzo(a)anthracene	21.914	228	376490	21.14	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	238514	23.15	ng/ul	99
87) Chrysene	21.984	228	355548	20.83	ng/ul	99
89) Di-n-octyl phthalate	23.083	149	403696	23.78	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	364058	20.23	ng/ul	99
91) Benzo(k)fluoranthene	24.340	252	356753	21.30	ng/ul	100
93) Benzo(a)pyrene	25.198	252	354732	20.66	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.293	276	399665m	20.73	ng/ul	
95) Dibenzo(a,h)anthracene	29.370	278	338027	20.60	ng/ul	97
96) Benzo(g,h,i)perylene	30.533	276	332360	20.45	ng/ul	97

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

