

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050409.D
 Acq On : 4 Oct 2021 11:22
 Operator : CG/JU
 Sample : PB139386BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS386

Manual Integrations
 APPROVED

mohammad
 10/5/2021 12:06:32 PM

Quant Time: Oct 04 12:15:19 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	49451	20.00	ng/ul	0.00
20) Naphthalene-d8	11.103	136	206160	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.892	164	129081	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	277592	20.00	ng/ul	0.00
79) Chrysene-d12	21.937	240	252956	20.00	ng/ul	#-0.01
88) Perylene-d12	25.374	264	254204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	7428m	5.52	ng/uL	0.00
4) Pyridine-d5	4.064	84	112015	27.93	ng/ul	0.00
7) Phenol-d5	7.407	99	129141	29.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.589	67	83322	30.64	ng/ul	0.00
11) 2-Chlorophenol-d4	7.801	132	91760	30.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	99845	30.53	ng/ul	0.00
21) Nitrobenzene-d5	9.446	128	46581	32.30	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	49908	32.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	89332	29.23	ng/ul	0.00
31) 4-Chloroaniline-d4	11.226	131	122646	28.09	ng/ul	0.00
46) Dimethylphthalate-d6	14.287	166	263719	29.85	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	338848	30.54	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	51211	30.10	ng/ul	0.00
60) Fluorene-d10	15.879	176	234441	29.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	37266	26.92	ng/ul	0.00
73) Anthracene-d10	17.736	188	362430	30.91	ng/ul	0.00
81) Pyrene-d10	20.004	212	429676	31.94	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.133	264	372777	29.16	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	17723	10.88	ng/uL	97
5) Pyridine	4.082	79	111933	27.55	ng/ul	98
6) Benzaldehyde	7.407	77	89835	31.53	ng/ul	96
8) Phenol	7.436	94	130801	29.54	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.683	93	98869	29.76	ng/ul	99
12) 2-Chlorophenol	7.830	128	92203	29.77	ng/ul	93
13) 2-Methylphenol	8.700	108	97193	29.78	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.794	45	159475	32.00	ng/ul	99
16) Acetophenone	9.099	105	152468	29.34	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.076	70	90937	29.12	ng/ul	95
18) 4-Methylphenol	9.029	108	99713	28.85	ng/ul	99
19) Hexachloroethane	9.364	117	39155	29.41	ng/ul	93
22) Nitrobenzene	9.487	77	134729	31.17	ng/ul	97
23) Isophorone	10.010	82	237221	28.56	ng/ul	99
25) 2-Nitrophenol	10.204	139	50975	32.04	ng/ul	95
26) 2,4-Dimethylphenol	10.245	107	113381	28.71	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.486	93	130220	29.04	ng/ul	99
29) 2,4-Dichlorophenol	10.733	162	86933	28.73	ng/ul	93
30) Naphthalene	11.150	128	303921	28.71	ng/ul	98
32) 4-Chloroaniline	11.250	127	120015	27.30	ng/ul	96
33) Hexachlorobutadiene	11.426	225	60751	27.63	ng/ul	97
34) Caprolactam	12.008	113	31324m	26.79	ng/ul	
35) 4-Chloro-3-methylphenol	12.342	107	104819	29.38	ng/ul	99
36) 2-Methylnaphthalene	12.736	142	211347	29.37	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.953	142	195868	27.04	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.094	216	111652	29.97	ng/ul#	98
40) Hexachlorocyclopentadiene	13.071	237	50570	20.47	ng/ul	89
41) 2,4,6-Trichlorophenol	13.329	196	73547	31.32	ng/ul	100
42) 2,4,5-Trichlorophenol	13.400	196	77677	30.24	ng/ul	99
43) 1,1'-Biphenyl	13.729	154	259729	29.90	ng/ul	100
44) 2-Chloronaphthalene	13.776	162	202627	29.77	ng/ul	99
45) 2-Nitroaniline	13.970	65	78029	35.02	ng/ul	91
47) Dimethylphthalate	14.334	163	255630	28.76	ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	52879	31.63	ng/ul	93
50) Acenaphthylene	14.616	152	307441	27.32	ng/ul	100
51) 3-Nitroaniline	14.787	138	56359	30.99	ng/ul	88
52) Acenaphthene	14.957	153	223588	30.06	ng/ul	97
53) 2,4-Dinitrophenol	14.992	184	23976	23.01	ng/ul#	86
55) 4-Nitrophenol	15.075	109	49548	29.45	ng/ul	92
56) Dibenzofuran	15.286	168	309074	28.57	ng/ul	96
57) 2,4-Dinitrotoluene	15.239	165	75376	31.05	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.503	232	64925	29.40	ng/ul	93
59) Diethylphthalate	15.686	149	265841	28.66	ng/ul	100
61) Fluorene	15.932	166	244761	28.44	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.921	204	129912	27.87	ng/ul	94
63) 4-Nitroaniline	15.944	138	59142	32.20	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.003	198	36063	26.35	ng/ul	93
67) N-Nitrosodiphenylamine	16.132	169	218300	31.10	ng/ul	99
68) 4-Bromophenyl-phenylether	16.814	248	78337	30.31	ng/ul	90
69) Hexachlorobenzene	16.937	284	81380	29.90	ng/ul	97
70) Atrazine	17.072	200	87119	29.15	ng/ul	95
71) Pentachlorophenol	17.278	266	53580	30.06	ng/ul	94
72) Phenanthrene	17.677	178	411434	29.69	ng/ul	99
74) Anthracene	17.771	178	405973	29.58	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	117015	31.97	ng/uL	97
76) Pentachlorobenzene	15.204	250	99688	29.82	ng/uL	99
77) Carbazole	18.030	167	381151	31.03	ng/ul	99
78) Di-n-butylphthalate	18.570	149	460489	31.64	ng/ul	99
80) Fluoranthene	19.675	202	508244	30.09	ng/ul	100
82) Pyrene	20.033	202	500376	30.04	ng/ul	98
83) Butylbenzylphthalate	20.909	149	202862	33.04	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.820	252	161804	31.03	ng/ul	98
85) Benzo(a)anthracene	21.919	228	459535	30.13	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	298209	33.80	ng/ul	99
87) Chrysene	21.990	228	438095	29.98	ng/ul	98
89) Di-n-octyl phthalate	23.089	149	501208	34.31	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	452061	29.20	ng/ul	99
91) Benzo(k)fluoranthene	24.346	252	443693	30.80	ng/ul	99
93) Benzo(a)pyrene	25.210	252	403119	27.29	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.305	276	500182	30.16	ng/ul	97
95) Dibenzo(a,h)anthracene	29.381	278	421333	29.85	ng/ul	98
96) Benzo(g,h,i)perylene	30.545	276	415904	29.75	ng/ul	98

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

