

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050425.D
 Acq On : 4 Oct 2021 23:08
 Operator : CG/JU
 Sample : PB139486BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS486

Manual Integrations
 APPROVED

mohammad
 10/5/2021 12:06:53 PM

Quant Time: Oct 05 01:07:13 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	53168	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	222986	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	141707	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	297590	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	271785	20.00	ng/ul	-0.02
88) Perylene-d12	25.356	264	267678	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	8107	5.60	ng/uL	0.00
4) Pyridine-d5	4.063	84	128785	29.86	ng/ul	0.00
7) Phenol-d5	7.401	99	147942	31.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	96175	32.90	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	102688	31.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	112105	31.88	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	53563	34.34	ng/ul	0.00
24) 2-Nitrophenol-d4	10.168	143	58914	35.19	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	103011	31.16	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	138204	29.26	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	299778	30.91	ng/ul	-0.01
49) Acenaphthylene-d8	14.580	160	374990	30.79	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.050	143	56759	30.39	ng/ul	0.00
60) Fluorene-d10	15.873	176	261536	29.93	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	46470	31.31	ng/ul	0.00
73) Anthracene-d10	17.730	188	397604	31.63	ng/ul	0.00
81) Pyrene-d10	19.998	212	471295	32.61	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.115	264	418224	31.07	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	18347	10.48	ng/uL	94
5) Pyridine	4.087	79	127748	29.25	ng/ul	97
6) Benzaldehyde	7.401	77	102502	33.46	ng/ul	92
8) Phenol	7.430	94	152013	31.93	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	112915	31.62	ng/ul	96
12) 2-Chlorophenol	7.829	128	104859	31.49	ng/ul	95
13) 2-Methylphenol	8.699	108	111453	31.76	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.793	45	180523	33.69	ng/ul	99
16) Acetophenone	9.099	105	169809	30.40	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.075	70	104373	31.09	ng/ul	96
18) 4-Methylphenol	9.022	108	115905	31.19	ng/ul	100
19) Hexachloroethane	9.363	117	44601	31.16	ng/ul	97
22) Nitrobenzene	9.480	77	153135	32.76	ng/ul	99
23) Isophorone	10.003	82	270884	30.15	ng/ul	98
25) 2-Nitrophenol	10.197	139	57122	33.20	ng/ul	89
26) 2,4-Dimethylphenol	10.238	107	124120	29.06	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.479	93	148652	30.64	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	98744	30.17	ng/ul	93
30) Naphthalene	11.143	128	338964	29.61	ng/ul	98
32) 4-Chloroaniline	11.249	127	134472	28.28	ng/ul	96
33) Hexachlorobutadiene	11.419	225	68530	28.81	ng/ul	97
34) Caprolactam	12.007	113	35383m	27.98	ng/ul	
35) 4-Chloro-3-methylphenol	12.336	107	118921	30.82	ng/ul	98
36) 2-Methylnaphthalene	12.736	142	235466	30.25	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	225124	28.73	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.088	216	127753	31.24	ng/ul	98
40) Hexachlorocyclopentadiene	13.065	237	58102	21.42	ng/ul	92
41) 2,4,6-Trichlorophenol	13.323	196	83112	32.24	ng/ul	99
42) 2,4,5-Trichlorophenol	13.394	196	89412	31.71	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	293153	30.74	ng/ul	98
44) 2-Chloronaphthalene	13.770	162	227628	30.47	ng/ul	96
45) 2-Nitroaniline	13.963	65	89636	36.65	ng/ul	93
47) Dimethylphthalate	14.328	163	290118	29.73	ng/ul	100
48) 2,6-Dinitrotoluene	14.451	165	60842	33.15	ng/ul	94
50) Acenaphthylene	14.610	152	343372	27.79	ng/ul	99
51) 3-Nitroaniline	14.780	138	63622	31.87	ng/ul	92
52) Acenaphthene	14.951	153	254592	31.18	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	31478	27.51	ng/ul	89
55) 4-Nitrophenol	15.068	109	54969	29.76	ng/ul	94
56) Dibenzofuran	15.280	168	348106	29.31	ng/ul	94
57) 2,4-Dinitrotoluene	15.233	165	84316	31.63	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.497	232	72306	29.82	ng/ul	92
59) Diethylphthalate	15.685	149	303440	29.80	ng/ul	97
61) Fluorene	15.932	166	275000	29.11	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.914	204	143897	28.12	ng/ul	94
63) 4-Nitroaniline	15.938	138	63294	31.39	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.996	198	45191	30.80	ng/ul	99
67) N-Nitrosodiphenylamine	16.126	169	240385	31.95	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	86683	31.29	ng/ul	95
69) Hexachlorobenzene	16.931	284	89434	30.65	ng/ul	97
70) Atrazine	17.066	200	96293	30.06	ng/ul	96
71) Pentachlorophenol	17.265	266	58187	30.45	ng/ul	97
72) Phenanthrene	17.671	178	456386	30.72	ng/ul	99
74) Anthracene	17.765	178	444191	30.19	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.693	216	131912	33.62	ng/uL	96
76) Pentachlorobenzene	15.197	250	112026	31.25	ng/uL	98
77) Carbazole	18.029	167	417850	31.73	ng/ul	99
78) Di-n-butylphthalate	18.570	149	509178	32.63	ng/ul	99
80) Fluoranthene	19.669	202	561519	30.94	ng/ul	100
82) Pyrene	20.027	202	551406	30.81	ng/ul	98
83) Butylbenzylphthalate	20.902	149	227111	34.43	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	179732	32.08	ng/ul	97
85) Benzo(a)anthracene	21.913	228	508758	31.05	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.790	149	333075	35.14	ng/ul	97
87) Chrysene	21.978	228	488712	31.12	ng/ul	100
89) Di-n-octyl phthalate	23.076	149	565011	36.73	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	526057	32.26	ng/ul	99
91) Benzo(k)fluoranthene	24.334	252	487755	32.15	ng/ul	99
93) Benzo(a)pyrene	25.192	252	455989	29.31	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.281	276	555643	31.81	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.357	278	463446	31.18	ng/ul	99
96) Benzo(g,h,i)perylene	30.521	276	456400	31.00	ng/ul	99

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

