

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050440.D
 Acq On : 5 Oct 2021 10:47
 Operator : CG/JU
 Sample : M3879-11MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW411MS

Manual Integrations
 APPROVED

mohammad
 10/8/2021 8:31:08 AM

Quant Time: Oct 05 11:25:25 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	64285	20.00	ng/ul	0.00
20) Naphthalene-d8	11.091	136	271765	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.887	164	175772	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	369120	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	332339	20.00	ng/ul	-0.02
88) Perylene-d12	25.351	264	332965	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	2670	1.53	ng/uL	0.00
4) Pyridine-d5	4.064	84	17019	3.26	ng/ul	0.00
7) Phenol-d5	7.395	99	53657	9.55	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	36476	10.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.789	132	37810	9.61	ng/ul	-0.01
15) 4-Methylphenol-d8	8.958	113	36225	8.52	ng/ul	0.00
21) Nitrobenzene-d5	9.434	128	20519	10.79	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	22682	11.12	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.697	165	38657	9.59	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.214	131	47901	8.32	ng/ul	-0.01
46) Dimethylphthalate-d6	14.276	166	127520	10.60	ng/ul	-0.02
49) Acenaphthylene-d8	14.581	160	156828	10.38	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.045	143	17542	7.57	ng/ul	-0.01
60) Fluorene-d10	15.874	176	111470	10.29	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	16344	8.88	ng/ul	0.00
73) Anthracene-d10	17.724	188	172581	11.07	ng/ul	-0.01
81) Pyrene-d10	19.998	212	204184	11.55	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.110	264	177214	10.58	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	8410	3.97	ng/uL#	89
5) Pyridine	4.082	79	39236	7.43	ng/ul	97
6) Benzaldehyde	7.401	77	49900	13.47	ng/ul	97
8) Phenol	7.425	94	74276	12.90	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	54644	12.65	ng/ul	98
12) 2-Chlorophenol	7.824	128	49029	12.18	ng/ul	97
13) 2-Methylphenol	8.694	108	50193	11.83	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.788	45	89944	13.88	ng/ul	97
16) Acetophenone	9.093	105	86714	12.84	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.070	70	53106	13.08	ng/ul	95
18) 4-Methylphenol	9.023	108	54504	12.13	ng/ul	95
19) Hexachloroethane	9.364	117	21654	12.51	ng/ul	93
22) Nitrobenzene	9.481	77	74775	13.12	ng/ul	97
23) Isophorone	9.998	82	136963	12.51	ng/ul	98
25) 2-Nitrophenol	10.192	139	27247	12.99	ng/ul	95
26) 2,4-Dimethylphenol	10.233	107	38455	7.39	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.480	93	74555	12.61	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	47593	11.93	ng/ul	97
30) Naphthalene	11.144	128	166380	11.92	ng/ul#	96
32) 4-Chloroaniline	11.244	127	65618	11.32	ng/ul	98
33) Hexachlorobutadiene	11.420	225	32925	11.36	ng/ul	99
34) Caprolactam	11.990	113	15322	9.94	ng/ul	88
35) 4-Chloro-3-methylphenol	12.337	107	58375	12.41	ng/ul	98
36) 2-Methylnaphthalene	12.730	142	121429	12.80	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	116218	12.17	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.089	216	63862	12.59	ng/ul#	94
40) Hexachlorocyclopentadiene	13.065	237	21332	6.34	ng/ul	95
41) 2,4,6-Trichlorophenol	13.318	196	41189	12.88	ng/ul	92
42) 2,4,5-Trichlorophenol	13.388	196	46710	13.36	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	154310	13.05	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	119088	12.85	ng/ul	97
45) 2-Nitroaniline	13.964	65	46101	15.19	ng/ul	90
47) Dimethylphthalate	14.323	163	155799	12.87	ng/ul	100
48) 2,6-Dinitrotoluene	14.446	165	31377	13.78	ng/ul	97
50) Acenaphthylene	14.610	152	184768	12.06	ng/ul	99
51) 3-Nitroaniline	14.775	138	32108	12.96	ng/ul	92
52) Acenaphthene	14.951	153	131420	12.98	ng/ul	96
53) 2,4-Dinitrophenol	14.981	184	14455	10.19	ng/ul	91
55) 4-Nitrophenol	15.063	109	27842	12.15	ng/ul	97
56) Dibenzofuran	15.280	168	184788	12.55	ng/ul	94
57) 2,4-Dinitrotoluene	15.227	165	45170	13.66	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.498	232	38243	12.72	ng/ul#	93
59) Diethylphthalate	15.680	149	164685	13.04	ng/ul	98
61) Fluorene	15.927	166	149085	12.72	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.915	204	77065	12.14	ng/ul	96
63) 4-Nitroaniline	15.938	138	33245	13.29	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.991	198	22111	12.15	ng/ul	98
67) N-Nitrosodiphenylamine	16.126	169	131294	14.07	ng/ul	97
68) 4-Bromophenyl-phenylether	16.808	248	47780	13.90	ng/ul	94
69) Hexachlorobenzene	16.925	284	47364	13.09	ng/ul	96
70) Atrazine	17.061	200	52820	13.29	ng/ul	95
71) Pentachlorophenol	17.266	266	25969	10.96	ng/ul	94
72) Phenanthrene	17.672	178	250790	13.61	ng/ul	98
74) Anthracene	17.760	178	245393	13.45	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	66302	13.62	ng/uL	98
76) Pentachlorobenzene	15.198	250	57960	13.04	ng/uL	96
77) Carbazole	18.024	167	229412	14.05	ng/ul	99
78) Di-n-butylphthalate	18.565	149	285472	14.75	ng/ul	99
80) Fluoranthene	19.663	202	314954	14.19	ng/ul	99
82) Pyrene	20.028	202	312468	14.28	ng/ul	99
83) Butylbenzylphthalate	20.897	149	122799	15.22	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.814	252	88987	12.99	ng/ul	98
85) Benzo(a)anthracene	21.908	228	284962	14.22	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.790	149	186633	16.10	ng/ul	100
87) Chrysene	21.978	228	269404	14.03	ng/ul	100
89) Di-n-octyl phthalate	23.071	149	312832	16.35	ng/ul	100
90) Benzo(b)fluoranthene	24.252	252	282091	13.91	ng/ul	98
91) Benzo(k)fluoranthene	24.328	252	273892	14.51	ng/ul	98
93) Benzo(a)pyrene	25.186	252	247395	12.78	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.276	276	303035m	13.95	ng/ul	
95) Dibenzo(a,h)anthracene	29.346	278	256636	13.88	ng/ul	99
96) Benzo(g,h,i)perylene	30.504	276	222465	12.15	ng/ul	97

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

