

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050183.D
 Acq On : 8 Sep 2021 2:51
 Operator : CG/JU
 Sample : M3573-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQK5MSD

Manual Integrations
 APPROVED

mohammad
 9/9/2021 8:40:38 AM

Quant Time: Sep 08 09:33:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	31703	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.765	136	116460	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.613	164	82904	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	182138	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.633	240	190568	20.000	ng/ul	0.00
88) Perylene-d12	24.852	264	194299	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	3934	6.135	ng/uL	0.00
4) Pyridine-d5	3.739	84	21857	9.602	ng/ul	0.00
7) Phenol-d5	7.123	99	24493	9.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	52795	36.725	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	71588	35.042	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	34574	17.864	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	32188	40.267	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	43820	45.082	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	61413	33.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.906	131	77750	34.017	ng/ul	-0.01
46) Dimethylphthalate-d6	14.013	166	258810	41.344	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	285175	38.259	ng/ul	0.00
54) 4-Nitrophenol-d4	14.853	143	7992m	10.581	ng/ul	0.00
60) Fluorene-d10	15.605	176	219845	42.296	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	47948	43.641	ng/ul	0.00
73) Anthracene-d10	17.468	188	355771	43.511	ng/ul	0.00
81) Pyrene-d10	19.753	212	444164	46.792	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.634	264	440808	42.857	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	7066	9.676	ng/uL#	77
5) Pyridine	3.757	79	27410	11.456	ng/ul	93
6) Benzaldehyde	7.082	77	74487	54.589	ng/ul	96
8) Phenol	7.152	94	29035	11.978	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.364	93	79773	44.387	ng/ul	93
12) 2-Chlorophenol	7.510	128	75020	37.686	ng/ul#	85
13) 2-Methylphenol	8.403	108	42606	21.838	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.474	45	61383	33.843	ng/ul#	96
16) Acetophenone	8.779	105	111674	39.218	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.756	70	55858	36.786	ng/ul	93
18) 4-Methylphenol	8.738	108	38622	20.842	ng/ul	85
19) Hexachloroethane	9.032	117	24777	29.839	ng/ul	98
22) Nitrobenzene	9.161	77	87938	42.242	ng/ul	95
23) Isophorone	9.684	82	158447	39.857	ng/ul	95
25) 2-Nitrophenol	9.878	139	44579	46.489	ng/ul#	91
26) 2,4-Dimethylphenol	9.942	107	69080	30.273	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.166	93	86192	35.743	ng/ul	97
29) 2,4-Dichlorophenol	10.424	162	63770	37.582	ng/ul	96
30) Naphthalene	10.818	128	205218	38.368	ng/ul	98
32) 4-Chloroaniline	10.935	127	82592	38.362	ng/ul#	87
33) Hexachlorobutadiene	11.094	225	46792	34.790	ng/ul	97
34) Caprolactam	11.717	113	5026m	9.736	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	96687	50.557	ng/ul	93
36) 2-Methylnaphthalene	12.433	142	186634	47.185	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	162877	42.886	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.803	216	132845	47.377	ng/ul#	97
40) Hexachlorocyclopentadiene	12.774	237	18039	23.726	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.044	196	64769	40.911	ng/ul	88
42) 2,4,5-Trichlorophenol	13.132	196	70939	42.848	ng/ul	93
43) 1,1'-Biphenyl	13.438	154	228105	38.113	ng/ul	98
44) 2-Chloronaphthalene	13.485	162	178909	38.011	ng/ul	98
45) 2-Nitroaniline	13.696	65	67281	45.153	ng/ul	96
47) Dimethylphthalate	14.060	163	271969	45.518	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	58122	45.687	ng/ul	91
50) Acenaphthylene	14.331	152	280942	40.329	ng/ul	97
51) 3-Nitroaniline	14.524	138	56842	49.078	ng/ul	96
52) Acenaphthene	14.671	153	208175	41.939	ng/ul	97
53) 2,4-Dinitrophenol	14.748	184	25323m	48.603	ng/ul	
55) 4-Nitrophenol	14.871	109	8269m	9.837	ng/ul	
56) Dibenzofuran	15.012	168	287854	42.151	ng/ul	98
57) 2,4-Dinitrotoluene	14.989	165	88623	48.749	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.247	232	61625	49.144	ng/ul	96
59) Diethylphthalate	15.417	149	287759	47.650	ng/ul	97
61) Fluorene	15.664	166	248199	43.349	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.646	204	130014	42.647	ng/ul	97
63) 4-Nitroaniline	15.693	138	56589	52.462	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.758	198	47956	49.147	ng/ul#	97
67) N-Nitrosodiphenylamine	15.864	169	218428	44.351	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	98104	45.453	ng/ul	95
69) Hexachlorobenzene	16.674	284	111170	45.428	ng/ul	94
70) Atrazine	16.815	200	103688	50.212	ng/ul	98
71) Pentachlorophenol	17.027	266	31865	47.537	ng/ul	94
72) Phenanthrene	17.403	178	435089	46.837	ng/ul	99
74) Anthracene	17.497	178	430298	45.682	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.408	216	102946	36.471	ng/ul	87
76) Pentachlorobenzene	14.936	250	116214	39.875	ng/ul	97
77) Carbazole	17.773	167	393092	47.336	ng/ul	100
78) Di-n-butylphthalate	18.313	149	494747	49.265	ng/ul	98
80) Fluoranthene	19.424	202	544988	46.194	ng/ul	98
82) Pyrene	19.782	202	551042	47.621	ng/ul#	96
83) Butylbenzylphthalate	20.657	149	223898	50.593	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	165209	40.192	ng/ul	99
85) Benzo(a)anthracene	21.615	228	533851	45.758	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.503	149	314165	47.534	ng/ul	99
87) Chrysene	21.685	228	516541	47.495	ng/ul	97
89) Di-n-octyl phthalate	22.702	149	525857	46.763	ng/ul	100
90) Benzo(b)fluoranthene	23.830	252	571066	46.964	ng/ul#	98
91) Benzo(k)fluoranthene	23.894	252	551565	47.519	ng/ul	98
93) Benzo(a)pyrene	24.699	252	486598	45.774	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.541	276	731758	52.533	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.588	278	568624	49.210	ng/ul#	97
96) Benzo(g,h,i)perylene	29.698	276	520132	46.606	ng/ul	97

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

