

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056109.D
 Acq On : 25 Dec 2022 4:37
 Operator : CG/JU
 Sample : N6017-10MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBYF6MSD

Quant Time: Dec 25 05:51:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	41369	20.000	ng/u1	0.00
20) Naphthalene-d8	11.175	136	166671	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.953	164	144518	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.691	188	363448	20.000	ng/u1	0.00
79) Chrysene-d12	21.992	240	357857	20.000	ng/u1	0.00
88) Perylene-d12	25.464	264	387816	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	3346m	3.386	ng/uL	-0.01
4) Pyridine-d5	4.090	84	26734	8.297	ng/u1	0.00
7) Phenol-d5	7.474	99	77868	20.751	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	31452	21.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.867	132	51587	23.260	ng/u1	0.00
15) 4-Methylphenol-d8	9.037	113	56412	19.975	ng/u1	0.00
21) Nitrobenzene-d5	9.518	128	27803	22.903	ng/u1	0.00
24) 2-Nitrophenol-d4	10.247	143	35720	22.521	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.782	165	77798	22.074	ng/u1	0.00
31) 4-Chloroaniline-d4	11.305	131	68065	17.074	ng/u1	0.00
46) Dimethylphthalate-d6	14.342	166	253327	22.649	ng/u1	0.00
49) Acenaphthylene-d8	14.654	160	281479	22.284	ng/u1	0.00
54) 4-Nitrophenol-d4	15.118	143	37800	22.451	ng/u1	0.00
60) Fluorene-d10	15.934	176	248763	22.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	55151	23.605	ng/u1	0.00
73) Anthracene-d10	17.791	188	382668	22.784	ng/u1	0.00
81) Pyrene-d10	20.053	212	489353	24.760	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.224	264	465674	23.624	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	7723	6.986	ng/uL#	92
5) Pyridine	4.107	79	33465	10.799	ng/u1#	94
6) Benzaldehyde	7.474	77	48451	35.169	ng/u1	88
8) Phenol	7.503	94	87262	23.366	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.750	93	53852	21.906	ng/u1	98
12) 2-Chlorophenol	7.903	128	53592	24.057	ng/u1	97
13) 2-Methylphenol	8.772	108	63243	22.554	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.860	45	8382	26.546	ng/u1#	74
16) Acetophenone	9.172	105	115144	24.613	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.142	70	46024	23.269	ng/u1	96
18) 4-Methylphenol	9.101	108	71331	23.484	ng/u1	92
19) Hexachloroethane	9.448	117	20694	23.104	ng/u1	98
22) Nitrobenzene	9.560	77	68583	22.768	ng/u1	95
23) Isophorone	10.082	82	147386	21.400	ng/u1	98
25) 2-Nitrophenol	10.276	139	36751	24.004	ng/u1#	84
26) 2,4-Dimethylphenol	10.318	107	77017	21.259	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.558	93	77943	21.838	ng/u1#	96
29) 2,4-Dichlorophenol	10.811	162	77156	22.921	ng/u1#	86
30) Naphthalene	11.228	128	198596	22.868	ng/u1	99
32) 4-Chloroaniline	11.328	127	76149	18.956	ng/u1	96
33) Hexachlorobutadiene	11.510	225	64807	20.544	ng/u1	96
34) Caprolactam	12.068	113	24198	22.484	ng/u1#	79
35) 4-Chloro-3-methylphenol	12.415	107	79861	24.695	ng/u1	99
36) 2-Methylnaphthalene	12.809	142	156950	22.542	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	154832	22.075	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.167	216	132278	22.194	ng/ul	97
40) Hexachlorocyclopentadiene	13.144	237	63109	16.331	ng/ul	99
41) 2,4,6-Trichlorophenol	13.396	196	84064	23.930	ng/ul	93
42) 2,4,5-Trichlorophenol	13.467	196	91328	23.978	ng/ul	90
43) 1,1'-Biphenyl	13.790	154	232942	22.800	ng/ul	98
44) 2-Chloronaphthalene	13.843	162	195246	23.056	ng/ul	97
45) 2-Nitroaniline	14.031	65	35088	29.837	ng/ul	79
47) Dimethylphthalate	14.389	163	258252	23.284	ng/ul	100
48) 2,6-Dinitrotoluene	14.513	165	53670	24.515	ng/ul	94
50) Acenaphthylene	14.683	152	294200	23.437	ng/ul	98
51) 3-Nitroaniline	14.842	138	44342	26.965	ng/ul	100
52) Acenaphthene	15.018	153	208193	23.609	ng/ul	94
53) 2,4-Dinitrophenol	15.047	184	36012	21.134	ng/ul#	90
55) 4-Nitrophenol	15.130	109	40272	24.586	ng/ul	93
56) Dibenzofuran	15.347	168	311914	22.597	ng/ul	99
57) 2,4-Dinitrotoluene	15.294	165	75258	24.789	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.564	232	88154	23.414	ng/ul#	98
59) Diethylphthalate	15.741	149	235945	23.811	ng/ul	100
61) Fluorene	15.993	166	257162	22.680	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.976	204	159788	21.693	ng/ul	96
63) 4-Nitroaniline	15.999	138	44907	28.619	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	16.058	198	54621	24.384	ng/ul#	91
67) N-Nitrosodiphenylamine	16.187	169	233549	25.362	ng/ul	96
68) 4-Bromophenyl-phenylether	16.869	248	110090	23.892	ng/ul	95
69) Hexachlorobenzene	16.998	284	108649	24.363	ng/ul	95
70) Atrazine	17.121	200	108456	24.701	ng/ul	96
71) Pentachlorophenol	17.333	266	58865	20.761	ng/ul	91
72) Phenanthrene	17.732	178	486460	26.365	ng/ul	100
74) Anthracene	17.826	178	445513	23.587	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.766	216	136917	24.836	ng/ul	97
76) Pentachlorobenzene	15.271	250	131575	24.177	ng/ul	91
77) Carbazole	18.085	167	383557	24.838	ng/ul	98
78) Di-n-butylphthalate	18.620	149	393906	27.919	ng/ul	99
80) Fluoranthene	19.724	202	728813	31.361	ng/ul	99
82) Pyrene	20.083	202	685883	29.256	ng/ul#	97
83) Butylbenzylphthalate	20.946	149	166403	33.354	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.869	252	147729	18.373	ng/ul	99
85) Benzo(a)anthracene	21.969	228	687479	28.146	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.839	149	242583	31.740	ng/ul	99
87) Chrysene	22.045	228	638359	28.161	ng/ul	98
89) Di-n-octyl phthalate	23.138	149	416311	29.008	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	744965	29.098	ng/ul	99
91) Benzo(k)fluoranthene	24.424	252	661829	26.491	ng/ul#	99
93) Benzo(a)pyrene	25.300	252	620549	27.816	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.466	276	783295m	26.658	ng/ul	
95) Dibenzo(a,h)anthracene	29.530	278	629249	25.603	ng/ul	98
96) Benzo(g,h,i)perylene	30.723	276	603126	25.541	ng/ul	98

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

