

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022222\
 Data File : VU047235.D
 Acq On : 22 Feb 2022 16:36
 Operator : SY/MD
 Sample : N1621-02MS 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD34MS

Quant Time: Feb 23 03:40:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	361860	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	150697	45.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.700%
7) Chloroethane-d5	1.919	69	127197	52.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.420%
11) 1,1-Dichloroethene-d2	2.575	63	258160	47.402	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.800%
21) 2-Butanone-d5	4.629	46	260348	102.145	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.067	84	261351	48.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
26) 1,2-Dichloroethane-d4	5.703	65	161970	47.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
32) Benzene-d6	5.732	84	532170	45.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	6.694	67	167440	44.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.180%
41) Toluene-d8	7.899	98	508313	45.587	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.180%
43) trans-1,3-Dichloroprop...	8.179	79	85705	43.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
47) 2-Hexanone-d5	8.633	63	214671	98.664	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	258425	46.666	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	205473	42.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	156478	46.410	ug/L	99
3) Chloromethane	1.527	50	164866	49.414	ug/L	100
5) Vinyl chloride	1.607	62	157730	46.912	ug/L	100
6) Bromomethane	1.864	94	81783	41.816	ug/L	97
8) Chloroethane	1.938	64	102721	52.994	ug/L	94
9) Trichlorofluoromethane	2.144	101	206026	52.915	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	118403	49.369	ug/L	95
12) 1,1-Dichloroethene	2.585	96	112527	47.821	ug/L	88
13) Acetone	2.646	43	160077	86.215	ug/L	96
14) Carbon disulfide	2.800	76	330498	44.751	ug/L	100
15) Methyl Acetate	2.954	43	163507	52.330	ug/L	96
16) Methylene chloride	3.051	84	143110	54.961	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	122113	49.394	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	392357	46.930	ug/L	97
19) 1,1-Dichloroethane	3.874	63	226219	48.723	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	140575	51.407	ug/L	100
22) 2-Butanone	4.713	43	257792	103.479	ug/L	98
23) Bromochloromethane	4.980	128	73587	50.742	ug/L	96
25) Chloroform	5.092	83	236336	51.964	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	184479	51.048	ug/L	100
29) Cyclohexane	5.391	56	203065	43.985	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	204266	48.412	ug/L	99
31) Carbon tetrachloride	5.530	117	175814	48.060	ug/L	99
33) Benzene	5.777	78	524610	47.748	ug/L	100
34) Trichloroethene	6.543	95	134806	47.234	ug/L	99
35) Methylcyclohexane	6.764	83	214920	44.881	ug/L	98
37) 1,2-Dichloropropane	6.793	63	135749	46.126	ug/L	98
38) Bromodichloromethane	7.108	83	181640	48.424	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	223170	46.658	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	458880	98.462	ug/L	96
42) Toluene	7.970	91	575069	47.653	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	214943	46.769	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	134716	48.601	ug/L	98
46) Tetrachloroethene	8.555	164	110165	47.984	ug/L	97
48) 2-Hexanone	8.684	43	367159	95.263	ug/L	98
49) Dibromochloromethane	8.813	129	149388	46.582	ug/L	99
50) 1,2-Dibromoethane	8.925	107	150561	48.898	ug/L	98
51) Chlorobenzene	9.446	112	364000	47.041	ug/L	100
52) Ethylbenzene	9.571	91	619494	46.905	ug/L	100
53) m,p-Xylene	9.694	106	241411	46.070	ug/L	98
54) o-xylene	10.102	106	234215	45.395	ug/L	98
55) Styrene	10.115	104	405862	45.717	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	254779	52.138	ug/L	99
59) Bromoform	10.292	173	119158	42.713	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	199972	45.651	ug/L	97
61) Isopropylbenzene	10.485	105	617436	42.743	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	432953	42.290	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	537925	43.277	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	300694	44.611	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	305794	45.132	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	302860	45.151	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	70885	50.791	ug/L	85
69) 1,3,5-Trichlorobenzene	13.218	180	250414	48.040	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	235909	47.743	ug/L	98
71) Naphthalene	14.086	128	832346	47.582	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	234942	47.753	ug/L	98

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

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