

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022222\
 Data File : VU047236.D
 Acq On : 22 Feb 2022 16:59
 Operator : SY/MD
 Sample : N1621-03MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD34MSD

Quant Time: Feb 23 03:41:03 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	367535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	208826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	152568	45.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.420%
7) Chloroethane-d5	1.919	69	125331	50.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.300%
11) 1,1-Dichloroethene-d2	2.575	63	258024	46.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
21) 2-Butanone-d5	4.632	46	264528	102.182	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	5.066	84	262475	48.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	5.703	65	162377	46.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
32) Benzene-d6	5.729	84	535206	44.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
36) 1,2-Dichloropropane-d6	6.693	67	167482	42.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.720%
41) Toluene-d8	7.899	98	512891	44.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.420%
43) trans-1,3-Dichloroprop...	8.179	79	86988	42.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.960%
47) 2-Hexanone-d5	8.632	63	218554	97.633	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	259717	45.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	206850	41.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	158626	46.321	ug/L	100
3) Chloromethane	1.526	50	166703	49.193	ug/L	100
5) Vinyl chloride	1.607	62	159046	46.573	ug/L	100
6) Bromomethane	1.864	94	81799	41.179	ug/L	99
8) Chloroethane	1.938	64	102349	51.987	ug/L	94
9) Trichlorofluoromethane	2.144	101	210690	53.277	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	120002	49.264	ug/L	96
12) 1,1-Dichloroethene	2.584	96	114015	47.705	ug/L	89
13) Acetone	2.649	43	164499	87.228	ug/L	97
14) Carbon disulfide	2.800	76	334630	44.611	ug/L	99
15) Methyl Acetate	2.957	43	166028	52.317	ug/L	97
16) Methylene chloride	3.050	84	143126	54.118	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	124146	49.441	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	394579	46.467	ug/L	96
19) 1,1-Dichloroethane	3.874	63	227415	48.224	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	140558	50.607	ug/L	99
22) 2-Butanone	4.713	43	267630	105.769	ug/L	97
23) Bromochloromethane	4.980	128	74298	50.441	ug/L	96
25) Chloroform	5.092	83	236428	51.181	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186924	50.926	ug/L	99
29) Cyclohexane	5.394	56	203663	42.877	ug/L	98
30) 1,1,1-Trichloroethane	5.320	97	205348	47.304	ug/L	98
31) Carbon tetrachloride	5.529	117	177389	47.130	ug/L	99
33) Benzene	5.777	78	527355	46.652	ug/L	100
34) Trichloroethene	6.545	95	136641	46.535	ug/L	98
35) Methylcyclohexane	6.764	83	216906	44.025	ug/L	98
37) 1,2-Dichloropropane	6.793	63	137283	45.339	ug/L	98
38) Bromodichloromethane	7.108	83	181741	47.092	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	227255	46.179	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	467252	97.447	ug/L	96
42) Toluene	7.970	91	581299	46.819	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	220430	46.618	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	138275	48.486	ug/L	99
46) Tetrachloroethene	8.555	164	111927	47.385	ug/L	96
48) 2-Hexanone	8.684	43	373098	94.090	ug/L	97
49) Dibromochloromethane	8.809	129	151139	45.807	ug/L	99
50) 1,2-Dibromoethane	8.925	107	155537	49.098	ug/L	99
51) Chlorobenzene	9.446	112	373190	46.877	ug/L	100
52) Ethylbenzene	9.571	91	625256	46.014	ug/L	100
53) m,p-Xylene	9.693	106	242039	44.895	ug/L	97
54) o-xylene	10.102	106	237797	44.797	ug/L	98
55) Styrene	10.114	104	413174	45.236	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	259247	51.565	ug/L	99
59) Bromoform	10.291	173	121316	42.792	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	201770	45.325	ug/L	97
61) Isopropylbenzene	10.484	105	623148	42.449	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	438677	42.165	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	543070	42.993	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	304322	44.428	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	309336	44.925	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	309991	45.476	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	72604	51.192	ug/L	85
69) 1,3,5-Trichlorobenzene	13.217	180	252825	47.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	244227	48.637	ug/L	98
71) Naphthalene	14.085	128	855548	48.127	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	240147	48.031	ug/L	98

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

