

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051209.D
 Acq On : 07 Oct 2022 06:22
 Operator : JC/MD
 Sample : N4890-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E1MS

Quant Time: Oct 07 08:28:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	382064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	393675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	190274	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	302582	78.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	156.300%#
7) Chloroethane-d5	1.896	69	266438	74.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	148.160%#
11) 1,1-Dichloroethene-d2	2.562	63	428265	74.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	149.760%#
21) 2-Butanone-d5	4.620	46	412647	164.314	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	164.310%#
24) Chloroform-d	5.060	84	567269	90.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	181.860%#
26) 1,2-Dichloroethane-d4	5.700	65	356086	92.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	184.440%#
32) Benzene-d6	5.726	84	1143743	99.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	198.420%#
36) 1,2-Dichloropropane-d6	6.690	67	380445	101.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	203.400%#
41) Toluene-d8	7.896	98	1021321	95.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	191.780%#
43) trans-1,3-Dichloroprop...	8.176	79	148207	83.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	166.120%#
47) 2-Hexanone-d5	8.632	63	213099	141.080	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.080%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	595130	91.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	182.060%#
66) 1,2-Dichlorobenzene-d4	12.192	152	347831	85.572	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	171.140%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	138751	43.308	ug/L	99
3) Chloromethane	1.523	50	194487	51.380	ug/L	100
5) Vinyl chloride	1.600	62	196133	48.823	ug/L	97
6) Bromomethane	1.835	94	105164	31.603	ug/L	99
8) Chloroethane	1.919	64	124455	42.189	ug/L	99
9) Trichlorofluoromethane	2.131	101	219315	40.601	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	130821	44.852	ug/L	98
12) 1,1-Dichloroethene	2.575	96	129338	47.471	ug/L #	80
13) Acetone	2.623	43	166183	82.868	ug/L	99
14) Carbon disulfide	2.787	76	362774	45.044	ug/L	100
15) Methyl Acetate	2.948	43	135537	37.019	ug/L	96
16) Methylene chloride	3.041	84	179817	45.974	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	132683	45.775	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	433707	49.237	ug/L	98
19) 1,1-Dichloroethane	3.864	63	293785	53.358	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	164552	50.844	ug/L	96
22) 2-Butanone	4.700	43	258942	93.456	ug/L	97
23) Bromochloromethane	4.973	128	89269	50.341	ug/L	96
25) Chloroform	5.086	83	305345	50.985	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	235415	51.314	ug/L	99
29) Cyclohexane	5.385	56	183245	47.805	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	225317	48.802	ug/L	98
31) Carbon tetrachloride	5.520	117	180096	47.809	ug/L	98
33) Benzene	5.771	78	677561	56.454	ug/L	100
34) Trichloroethene	6.539	95	148637	47.815	ug/L	98
35) Methylcyclohexane	6.761	83	183953	43.478	ug/L	95
37) 1,2-Dichloropropane	6.790	63	185609	57.429	ug/L	99
38) Bromodichloromethane	7.105	83	226039	52.406	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	217245	47.462	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	489523	104.586	ug/L	97
42) Toluene	7.967	91	691615	54.176	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	220047	47.546	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	180933	51.683	ug/L	97
46) Tetrachloroethene	8.552	164	104569	44.388	ug/L	98
48) 2-Hexanone	8.684	43	457291	107.564	ug/L	96
49) Dibromochloromethane	8.809	129	173299	47.083	ug/L	96
50) 1,2-Dibromoethane	8.922	107	178590	47.051	ug/L	95
51) Chlorobenzene	9.446	112	404421	46.584	ug/L	100
52) Ethylbenzene	9.568	91	623373	45.779	ug/L	98
53) m,p-Xylene	9.693	106	241876	47.236	ug/L	96
54) o-Xylene	10.099	106	245569	47.980	ug/L	97
55) Styrene	10.111	104	433226	48.974	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	328539	53.026	ug/L	100
59) Bromoform	10.288	173	129188	46.145	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	247455	49.420	ug/L	98
61) Isopropylbenzene	10.481	105	582312	47.111	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	470215	46.523	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	473052	46.698	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	283258	44.453	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	281020	44.118	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	309057	47.207	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	58029	39.713	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	164676	38.110	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	120911	34.200	ug/L	98
71) Naphthalene	14.085	128	405774	32.067	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	144681	36.673	ug/L	98

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

