

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048582.D
 Acq On : 16 May 2022 15:04
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV073

Quant Time: May 17 07:00:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:52:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	259253	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	254849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71861	45.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.520%
7) Chloroethane-d5	1.909	69	54434	45.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.568	63	168857	47.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.040%
21) 2-Butanone-d5	4.620	46	147787	97.801	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.800%
24) Chloroform-d	5.063	84	190013	47.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
26) 1,2-Dichloroethane-d4	5.703	65	133332	47.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
32) Benzene-d6	5.729	84	332652	46.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	98508	47.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.620%
41) Toluene-d8	7.899	98	324272	48.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.220%
43) trans-1,3-Dichloroprop...	8.179	79	60911	45.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.500%
47) 2-Hexanone-d5	8.632	63	111430	97.583	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	160016	46.443	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	142801	45.885	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	129764	46.576	ug/L	98
3) Chloromethane	1.526	50	80819	47.014	ug/L	99
5) Vinyl chloride	1.604	62	86899	47.520	ug/L	99
6) Bromomethane	1.854	94	63179	47.857	ug/L	99
8) Chloroethane	1.932	64	50140	46.584	ug/L	100
9) Trichlorofluoromethane	2.137	101	170628	47.796	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	87902	48.288	ug/L	99
12) 1,1-Dichloroethene	2.581	96	80718	47.853	ug/L	98
13) Acetone	2.623	43	99136	80.752	ug/L	100
14) Carbon disulfide	2.793	76	225797	46.128	ug/L	99
15) Methyl Acetate	2.948	43	99501	47.489	ug/L	99
16) Methylene chloride	3.047	84	92284	46.994	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	86138	47.347	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	308395	48.859	ug/L	99
19) 1,1-Dichloroethane	3.870	63	161220	48.404	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	98887	48.198	ug/L	98
22) 2-Butanone	4.700	43	146345	93.884	ug/L	99
23) Bromochloromethane	4.976	128	55028	48.335	ug/L	97
25) Chloroform	5.089	83	186528	47.979	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	163758	49.102	ug/L	100
29) Cyclohexane	5.388	56	125660	48.006	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	187541	48.601	ug/L	99
31) Carbon tetrachloride	5.526	117	167204	47.546	ug/L	98
33) Benzene	5.774	78	357454	48.009	ug/L	100
34) Trichloroethene	6.542	95	98936	46.967	ug/L	97
35) Methylcyclohexane	6.764	83	146030	48.308	ug/L	98
37) 1,2-Dichloropropane	6.790	63	89900	48.289	ug/L	99
38) Bromodichloromethane	7.105	83	147353	48.919	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	157446	49.533	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	278585	98.056	ug/L	99
42) Toluene	7.970	91	403275	49.693	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	165277	49.305	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	95663	47.983	ug/L	98
46) Tetrachloroethene	8.552	164	83243	48.427	ug/L	97
48) 2-Hexanone	8.684	43	226196	92.923	ug/L	99
49) Dibromochloromethane	8.809	129	123804	48.300	ug/L	98
50) 1,2-Dibromoethane	8.925	107	112439	48.867	ug/L	94
51) Chlorobenzene	9.446	112	270828	47.849	ug/L	99
52) Ethylbenzene	9.571	91	444632	47.944	ug/L	100
53) m,p-Xylene	9.693	106	177156	47.533	ug/L	96
54) o-Xylene	10.102	106	174425	48.852	ug/L	98
55) Styrene	10.115	104	305839	49.266	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	164091	47.622	ug/L	95
59) Bromoform	10.291	173	100785	48.161	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	143249	47.445	ug/L	98
61) Isopropylbenzene	10.484	105	465712	49.672	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	268131	50.304	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	418765	50.524	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	230591	47.692	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	234340	46.707	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	235143	47.815	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54371	46.577	ug/L	98
69) 1,3,5-Trichlorobenzene	13.220	180	178073	46.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	163521	46.915	ug/L	100
71) Naphthalene	14.085	128	520549	45.294	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	165276	47.229	ug/L	100

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

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