

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046659.D
 Acq On : 05 Jan 2022 12:18
 Operator : SY/MD
 Sample : VSTD01038
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010038

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/07/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Jan 06 02:20:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	183010	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	14621	9.655	ug/L	0.00
7) Chloroethane-d5	1.919	69	11164	9.652	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	25875	9.591	ug/L	0.00
21) 2-Butanone-d5	4.655	46	21370	17.880	ug/L	0.01
24) Chloroform-d	5.066	84	26605	10.475	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	16981	10.012	ug/L	0.00
32) Benzene-d6	5.732	84	52464	10.156	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	15979	10.027	ug/L	0.00
41) Toluene-d8	7.899	98	46397	9.880	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	7222	9.336	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	14993	18.958	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	24110	9.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	17856	10.174	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	17139	8.902	ug/L	99
3) Chloromethane	1.523	50	15655	9.064	ug/L	96
5) Vinyl chloride	1.610	62	15587	8.887	ug/L	98
6) Bromomethane	1.864	94	10213	10.114	ug/L	99
8) Chloroethane	1.941	64	9889	9.740	ug/L	97
9) Trichlorofluoromethane	2.147	101	23662	10.197	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	13346	10.147	ug/L	96
12) 1,1-Dichloroethene	2.587	96	12204	9.773	ug/L	93
13) Acetone	2.674	43	22339	15.664	ug/L	65
14) Carbon disulfide	2.803	76	37235	9.680	ug/L	100
15) Methyl Acetate	2.964	43	14523	8.527	ug/L	99
16) Methylene chloride	3.054	84	15636	10.457	ug/L	97
17) trans-1,2-Dichloroethene	3.362	96	12629	9.581	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	36780	9.063	ug/L	99
19) 1,1-Dichloroethane	3.877	63	24261	10.089	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	13266	9.245	ug/L	100
22) 2-Butanone	4.732	43	25818m	16.513	ug/L	
23) Bromochloromethane	4.980	128	7492	10.218	ug/L	94
25) Chloroform	5.092	83	26001	9.734	ug/L	98
27) 1,2-Dichloroethane	5.800	62	20275	10.160	ug/L	100
29) Cyclohexane	5.394	56	17787	8.672	ug/L	99
30) 1,1,1-Trichloroethane	5.320	97	22377	10.189	ug/L	98
31) Carbon tetrachloride	5.529	117	18985	10.201	ug/L	98
33) Benzene	5.777	78	54646	10.125	ug/L	100
34) Trichloroethene	6.546	95	14173	10.028	ug/L	98
35) Methylcyclohexane	6.767	83	20783	9.488	ug/L	97
37) 1,2-Dichloropropane	6.796	63	14422	10.234	ug/L #	97
38) Bromodichloromethane	7.108	83	18682	9.912	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	19296	8.974	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	35300	17.309	ug/L	97
42) Toluene	7.973	91	56118	9.691	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	18998	9.102	ug/L	97

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45) 1,1,2-Trichloroethane	8.401	97	14369	10.114	ug/L	98
46) Tetrachloroethene	8.555	164	10383	9.926	ug/L	96
48) 2-Hexanone	8.690	43	32033	17.728	ug/L	95
49) Dibromochloromethane	8.809	129	15070	10.090	ug/L	99
50) 1,2-Dibromoethane	8.928	107	14441	9.457	ug/L	99
51) Chlorobenzene	9.449	112	37235	9.937	ug/L	97
52) Ethylbenzene	9.571	91	57564	9.302	ug/L	100
53) m,p-Xylene	9.693	106	22334	9.254	ug/L	95
54) o-xylene	10.102	106	20687	8.828	ug/L	99
55) Styrene	10.115	104	35883	8.967	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	24457	9.986	ug/L	96
59) Bromoform	10.291	173	11261	10.505	ug/L #	97
60) 1,2,3-Trichloropropane	10.825	75	20128	10.158	ug/L	97
61) Isopropylbenzene	10.484	105	56266	9.641	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	42901	8.824	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	41727	8.583	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	28331	10.170	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	29814	10.351	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	28407	10.115	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5724	10.604	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	21106	10.355	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	17266	9.533	ug/L	99
71) Naphthalene	14.089	128	48563	7.780	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	17820	9.669	ug/L	99

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

