

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050515.D
 Acq On : 30 Aug 2022 14:25
 Operator : SY/MD
 Sample : VSTD00513
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005013

Quant Time: Aug 31 01:24:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	354330	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	340329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	137636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	14988	3.860	ug/L	0.00
7) Chloroethane-d5	1.909	69	11675	4.055	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	24348	4.333	ug/L	0.00
21) 2-Butanone-d5	4.639	46	23444	8.767	ug/L	0.00
24) Chloroform-d	5.067	84	27383	4.254	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	18891	4.683	ug/L	0.00
32) Benzene-d6	5.729	84	53452	4.440	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	17958	4.462	ug/L	0.00
41) Toluene-d8	7.900	98	44954	4.279	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6687	4.022	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	9712	6.600	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28175	4.539	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	17719	5.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13853	5.329	ug/L	92
3) Chloromethane	1.517	50	21266	6.471	ug/L	94
5) Vinyl chloride	1.601	62	18684	5.888	ug/L	96
6) Bromomethane	1.852	94	10356	8.325	ug/L	99
8) Chloroethane	1.929	64	12197	6.300	ug/L	99
9) Trichlorofluoromethane	2.134	101	22241	5.661	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	13475	5.637	ug/L	97
12) 1,1-Dichloroethene	2.578	96	13146	5.957	ug/L	94
13) Acetone	2.633	43	22532	12.212	ug/L	97
14) Carbon disulfide	2.790	76	32241	5.800	ug/L	99
15) Methyl Acetate	2.954	43	20211	6.010	ug/L	98
16) Methylene chloride	3.044	84	27292	8.685	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	14137	6.060	ug/L	92
18) Methyl tert-butyl Ether	3.366	73	45492	6.037	ug/L	99
19) 1,1-Dichloroethane	3.871	63	28589	5.690	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	16583	5.925	ug/L	95
22) 2-Butanone	4.716	43	30669	12.099	ug/L #	67
23) Bromochloromethane	4.980	128	8883	5.810	ug/L	96
25) Chloroform	5.089	83	29634	5.575	ug/L	98
27) 1,2-Dichloroethane	5.797	62	24001	5.963	ug/L	98
29) Cyclohexane	5.388	56	19741	6.238	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	21542	5.513	ug/L	98
31) Carbon tetrachloride	5.523	117	16322	5.180	ug/L	100
33) Benzene	5.774	78	64198	6.069	ug/L	100
34) Trichloroethene	6.543	95	15546	6.267	ug/L	96
35) Methylcyclohexane	6.765	83	19412	5.725	ug/L	96
37) 1,2-Dichloropropane	6.793	63	17915	5.865	ug/L	99
38) Bromodichloromethane	7.109	83	19536	5.124	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	21005	5.238	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	49054	11.872	ug/L	98
42) Toluene	7.970	91	61173	5.770	ug/L	98
44) trans-1,3-Dichloropropene	8.215	75	18392	4.942	ug/L	95

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45) 1,1,2-Trichloroethane	8.404	97	17707	5.902	ug/L	96
46) Tetrachloroethene	8.555	164	10773	5.976	ug/L	92
48) 2-Hexanone	8.691	43	44879	12.996	ug/L	95
49) Dibromochloromethane	8.809	129	13704	4.549	ug/L	96
50) 1,2-Dibromoethane	8.925	107	17784	5.879	ug/L	99
51) Chlorobenzene	9.449	112	41185	5.952	ug/L	99
52) Ethylbenzene	9.571	91	56562	5.325	ug/L	92
53) m,p-Xylene	9.697	106	21014	5.296	ug/L	99
54) o-Xylene	10.102	106	20583	5.176	ug/L	100
55) Styrene	10.118	104	32221	4.802	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	30110	5.532	ug/L	94
59) Bromoform	10.292	173	9523	4.879	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	23940	6.556	ug/L	98
61) Isopropylbenzene	10.485	105	49960	5.754	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	37765	5.348	ug/L	96
63) 1,2,4-Trimethylbenzene	11.472	105	36595	5.322	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	26808	6.354	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	28619	6.763	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	29408	6.591	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5275	5.570	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	19447	6.747	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	18211	7.858	ug/L	97
71) Naphthalene	14.089	128	86799	11.041	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	22579	8.833	ug/L	99

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

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