

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051856.D
 Acq On : 15 Nov 2022 12:37
 Operator : JC/MD
 Sample : VSTD01050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010050

Quant Time: Nov 16 00:43:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 00:41:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	460724	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	467383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	212084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22519	6.653	ug/L	0.00
7) Chloroethane-d5	1.900	69	23390	8.175	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	41452	7.111	ug/L	0.00
21) 2-Butanone-d5	4.626	46	49359	19.250	ug/L	0.00
24) Chloroform-d	5.061	84	57568	8.833	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	36299	9.005	ug/L	0.00
32) Benzene-d6	5.726	84	96099	7.993	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	36100	8.936	ug/L	0.00
41) Toluene-d8	7.896	98	74994	6.981	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	13053	7.709	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	28605	15.680	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	69806	9.735	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	36725	9.389	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	28519	7.404	ug/L	97
3) Chloromethane	1.524	50	40129	8.098	ug/L	96
5) Vinyl chloride	1.604	62	40943	8.325	ug/L	83
6) Bromomethane	1.836	94	18951	7.638	ug/L	97
8) Chloroethane	1.922	64	28188	9.483	ug/L	99
9) Trichlorofluoromethane	2.131	101	48411	8.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30549	8.646	ug/L	99
12) 1,1-Dichloroethene	2.578	96	27441	8.239	ug/L	94
13) Acetone	2.623	43	62452	21.333	ug/L	96
14) Carbon disulfide	2.791	76	78058	7.383	ug/L	100
15) Methyl Acetate	2.948	43	39883	9.184	ug/L	97
16) Methylene chloride	3.041	84	48921	11.031	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	29374	8.565	ug/L	97
18) Methyl tert-butyl Ether	3.360	73	87600	8.800	ug/L	99
19) 1,1-Dichloroethane	3.864	63	62314	9.139	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	33419	8.812	ug/L	93
22) 2-Butanone	4.700	43	61488	18.213	ug/L	97
23) Bromochloromethane	4.971	128	19957	9.373	ug/L	97
25) Chloroform	5.086	83	66021	9.376	ug/L	98
27) 1,2-Dichloroethane	5.790	62	48674	8.984	ug/L	96
29) Cyclohexane	5.385	56	34319	7.186	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	49732	9.150	ug/L	98
31) Carbon tetrachloride	5.524	117	39615	8.611	ug/L	97
33) Benzene	5.771	78	135496	9.011	ug/L	100
34) Trichloroethene	6.540	95	32302	8.912	ug/L	96
35) Methylcyclohexane	6.761	83	37016	7.185	ug/L	98
37) 1,2-Dichloropropane	6.787	63	39102	9.450	ug/L	98
38) Bromodichloromethane	7.102	83	48785	9.237	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	44826	8.208	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	89060	16.130	ug/L	97
42) Toluene	7.967	91	131088	8.510	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	43204	8.164	ug/L	95

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45) 1,1,2-Trichloroethane	8.398	97	39983	9.638	ug/L	95
46) Tetrachloroethene	8.552	164	25524	9.440	ug/L	95
48) 2-Hexanone	8.684	43	79342	16.964	ug/L	92
49) Dibromochloromethane	8.806	129	39575	9.267	ug/L	97
50) 1,2-Dibromoethane	8.922	107	38950	9.163	ug/L	99
51) Chlorobenzene	9.446	112	93772	9.197	ug/L	97
52) Ethylbenzene	9.568	91	123489	7.902	ug/L	97
53) m,p-Xylene	9.694	106	47466	7.895	ug/L	100
54) o-Xylene	10.099	106	47914	7.991	ug/L	99
55) Styrene	10.112	104	78174	7.522	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.781	83	73127	9.258	ug/L #	98
59) Bromoform	10.289	173	29893	10.086	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	56672	10.416	ug/L	98
61) Isopropylbenzene	10.482	105	115508	8.712	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	85212	7.653	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	80127	7.316	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	63263	9.364	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	64264	9.271	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	69205	9.813	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	13964	9.538	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	39589	8.730	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	30190	8.617	ug/L	97
71) Naphthalene	14.086	128	82468	7.287	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	33096	8.823	ug/L	98

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

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