

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048261.D
 Acq On : 25 Apr 2022 10:42
 Operator : SY/MD
 Sample : VSTD05058
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050058

Quant Time: Apr 26 02:20:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	399413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	422643	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	256599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	184522	60.848	ug/L	0.00
7) Chloroethane-d5	1.883	69	141592	59.577	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	300296	54.494	ug/L	0.00
21) 2-Butanone-d5	4.623	46	327608	124.631	ug/L	0.00
24) Chloroform-d	5.063	84	339403	60.692	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	200449	58.944	ug/L	0.00
32) Benzene-d6	5.726	84	694755	62.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	226401	64.651	ug/L	0.00
41) Toluene-d8	7.899	98	640009	59.668	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	101632	58.960	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	272243	131.857	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	406471	66.630	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	289829	60.078	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	161489	43.118	ug/L	100
3) Chloromethane	1.520	50	175623	48.051	ug/L	100
5) Vinyl chloride	1.607	62	182692	48.739	ug/L	100
6) Bromomethane	1.832	94	73954	38.337	ug/L	100
8) Chloroethane	1.906	64	109991	47.069	ug/L	100
9) Trichlorofluoromethane	2.125	101	248074	47.350	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	156896	50.744	ug/L	100
12) 1,1-Dichloroethene	2.575	96	139327	48.796	ug/L	100
13) Acetone	2.626	43	199497	83.843	ug/L	100
14) Carbon disulfide	2.787	76	341081	39.410	ug/L	100
15) Methyl Acetate	2.948	43	213867	54.233	ug/L	100
16) Methylene chloride	3.044	84	181182	53.946	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	145835	47.533	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	494140	54.998	ug/L	100
19) 1,1-Dichloroethane	3.867	63	303043	55.409	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	179550	52.116	ug/L	100
22) 2-Butanone	4.703	43	324918	102.348	ug/L	100
23) Bromochloromethane	4.973	128	98929	52.601	ug/L	100
25) Chloroform	5.086	83	312177	53.420	ug/L	100
27) 1,2-Dichloroethane	5.793	62	226300	50.666	ug/L	100
29) Cyclohexane	5.388	56	223254	49.825	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	257041	51.165	ug/L	100
31) Carbon tetrachloride	5.523	117	218952	48.934	ug/L	100
33) Benzene	5.774	78	687435	53.210	ug/L	100
34) Trichloroethene	6.542	95	162925	48.894	ug/L	100
35) Methylcyclohexane	6.761	83	240379	47.632	ug/L	100
37) 1,2-Dichloropropane	6.790	63	194285	57.705	ug/L	100
38) Bromodichloromethane	7.105	83	240438	53.203	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	270204	52.765	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	632149	117.548	ug/L	100
42) Toluene	7.970	91	736996	52.327	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	268798	52.686	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	203998	57.172	ug/L	100
46) Tetrachloroethene	8.552	164	143194	48.048	ug/L	100
48) 2-Hexanone	8.690	43	527096	114.885	ug/L	100
49) Dibromochloromethane	8.812	129	221749	54.330	ug/L	100
50) 1,2-Dibromoethane	8.925	107	203164	52.032	ug/L	100
51) Chlorobenzene	9.449	112	503119	52.030	ug/L	100
52) Ethylbenzene	9.571	91	762337	51.169	ug/L	100
53) m,p-Xylene	9.693	106	310942	53.002	ug/L	100
54) o-Xylene	10.102	106	319125	54.928	ug/L	100
55) Styrene	10.115	104	557288	55.949	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	407396	59.941	ug/L	100
59) Bromoform	10.295	173	194423	55.075	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	312888	58.824	ug/L	100
61) Isopropylbenzene	10.484	105	805840	54.269	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	430040	53.255	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	696628	56.363	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	440556	53.441	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	429795	50.857	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	447986	54.194	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	84572	51.605	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	324896	49.382	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	255538	45.285	ug/L	100
71) Naphthalene	14.089	128	757785	45.082	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	267758	47.042	ug/L	100

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

