

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048259.D
 Acq On : 25 Apr 2022 09:53
 Operator : SY/MD
 Sample : VSTD00556
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005056

Quant Time: Apr 26 02:19:17 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	6.253	114	323750	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	334449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	158743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14026	5.706	ug/L	0.00
7) Chloroethane-d5	1.916	69	11482	5.960	ug/L	0.03
11) 1,1-Dichloroethene-d2	2.572	63	21653	4.848	ug/L	0.00
21) 2-Butanone-d5	4.633	46	21377	10.033	ug/L	0.00
24) Chloroform-d	5.063	84	25358	5.594	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	14937	5.419	ug/L	0.00
32) Benzene-d6	5.732	84	45828	5.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	15989	5.770	ug/L	0.00
41) Toluene-d8	7.899	98	38434	4.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6029	4.420	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	11183	6.845	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25324	5.246	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	15803	5.295	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11716	3.859	ug/L	99
3) Chloromethane	1.523	50	14801	4.996	ug/L	99
5) Vinyl chloride	1.607	62	13547	4.459	ug/L	94
6) Bromomethane	1.858	94	8419	5.384	ug/L	97
8) Chloroethane	1.935	64	7931	4.187	ug/L	99
9) Trichlorofluoromethane	2.141	101	16968	3.996	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	11434	4.562	ug/L	98
12) 1,1-Dichloroethene	2.584	96	9474	4.094	ug/L	97
13) Acetone	2.633	43	17815	9.237	ug/L	99
14) Carbon disulfide	2.797	76	24649	3.514	ug/L	98
15) Methyl Acetate	2.954	43	14701	4.599	ug/L	96
16) Methylene chloride	3.051	84	13366	4.910	ug/L	93
17) trans-1,2-Dichloroethene	3.359	96	10176	4.092	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	30507	4.189	ug/L	99
19) 1,1-Dichloroethane	3.874	63	22180	5.003	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	11622	4.162	ug/L	91
22) 2-Butanone	4.713	43	20524	7.976	ug/L	97
23) Bromochloromethane	4.977	128	6958	4.564	ug/L	95
25) Chloroform	5.092	83	21472	4.533	ug/L	96
27) 1,2-Dichloroethane	5.800	62	16104	4.448	ug/L	99
29) Cyclohexane	5.391	56	12361	3.486	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	17922	4.508	ug/L	98
31) Carbon tetrachloride	5.530	117	14904	4.209	ug/L	96
33) Benzene	5.777	78	44206	4.324	ug/L	100
34) Trichloroethene	6.546	95	10971	4.161	ug/L	95
35) Methylcyclohexane	6.764	83	13246	3.317	ug/L	98
37) 1,2-Dichloropropane	6.793	63	13008	4.882	ug/L	98
38) Bromodichloromethane	7.108	83	16659	4.658	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	16057	3.962	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	31070	7.301	ug/L	94
42) Toluene	7.973	91	41625	3.735	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	14940	3.701	ug/L #	80

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45) 1,1,2-Trichloroethane	8.401	97	13245	4.691	ug/L	97
46) Tetrachloroethene	8.555	164	9085	3.852	ug/L	99
48) 2-Hexanone	8.687	43	25318	6.973	ug/L	90
49) Dibromochloromethane	8.813	129	14028	4.343	ug/L	96
50) 1,2-Dibromoethane	8.925	107	13162	4.260	ug/L	99
51) Chlorobenzene	9.449	112	34354	4.490	ug/L	99
52) Ethylbenzene	9.571	91	38669	3.280	ug/L	99
53) m,p-Xylene	9.697	106	14534	3.131	ug/L	94
54) o-Xylene	10.102	106	14333	3.118	ug/L	91
55) Styrene	10.118	104	21508	2.729	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	23960	4.455	ug/L #	98
59) Bromoform	10.295	173	11206	5.131	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	18900	5.744	ug/L	99
61) Isopropylbenzene	10.488	105	35665	3.882	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	17018	3.407	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	23969	3.135	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	21170	4.151	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	23214	4.440	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	23986	4.690	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.002	75	4670	4.606	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	15022	3.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	10925	3.130	ug/L	97
71) Naphthalene	14.089	128	25125	2.416	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	11170	3.172	ug/L	99

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

