

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048260.D
 Acq On : 25 Apr 2022 10:18
 Operator : SY/MD
 Sample : VSTD01057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

Quant Time: Apr 26 02:19:48 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	346540	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	372399	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	204172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34584	13.144	ug/L	0.00
7) Chloroethane-d5	1.887	69	27263	13.222	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	54961	11.495	ug/L	0.00
21) 2-Butanone-d5	4.626	46	55766	24.452	ug/L	0.00
24) Chloroform-d	5.064	84	63331	13.053	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	37771	12.802	ug/L	0.00
32) Benzene-d6	5.726	84	125814	12.796	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	40913	13.259	ug/L	0.00
41) Toluene-d8	7.896	98	109068	11.540	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	16859	11.100	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	37576	20.655	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	71712	13.341	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	49929	13.007	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	28614	8.806	ug/L	99
3) Chloromethane	1.520	50	34232	10.795	ug/L	98
5) Vinyl chloride	1.607	62	33380	10.264	ug/L	97
6) Bromomethane	1.832	94	13915	8.314	ug/L	98
8) Chloroethane	1.913	64	19846	9.789	ug/L	95
9) Trichlorofluoromethane	2.128	101	43031	9.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	29080	10.840	ug/L	99
12) 1,1-Dichloroethene	2.575	96	25123	10.141	ug/L	92
13) Acetone	2.626	43	34683	16.800	ug/L	99
14) Carbon disulfide	2.790	76	59983	7.988	ug/L	98
15) Methyl Acetate	2.948	43	38471	11.244	ug/L	95
16) Methylene chloride	3.048	84	32285	11.079	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	25239	9.481	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	79619	10.214	ug/L	99
19) 1,1-Dichloroethane	3.868	63	53795	11.337	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	29572	9.893	ug/L	99
22) 2-Butanone	4.707	43	53465	19.411	ug/L	99
23) Bromochloromethane	4.977	128	17191	10.535	ug/L	92
25) Chloroform	5.089	83	55945	11.034	ug/L	98
27) 1,2-Dichloroethane	5.793	62	40905	10.555	ug/L	99
29) Cyclohexane	5.388	56	34142	8.648	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	44865	10.135	ug/L	99
31) Carbon tetrachloride	5.523	117	38147	9.676	ug/L	100
33) Benzene	5.774	78	118074	10.372	ug/L	100
34) Trichloroethene	6.543	95	28822	9.816	ug/L	99
35) Methylcyclohexane	6.761	83	36103	8.119	ug/L	97
37) 1,2-Dichloropropane	6.790	63	33763	11.381	ug/L	98
38) Bromodichloromethane	7.105	83	41462	10.412	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	44053	9.763	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	94041	19.846	ug/L	98
42) Toluene	7.970	91	118292	9.532	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43027	9.571	ug/L	95

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45) 1,1,2-Trichloroethane	8.401	97	35315	11.233	ug/L	97
46) Tetrachloroethene	8.555	164	24485	9.324	ug/L	97
48) 2-Hexanone	8.687	43	77417	19.150	ug/L	96
49) Dibromochloromethane	8.809	129	38495	10.704	ug/L	93
50) 1,2-Dibromoethane	8.925	107	35783	10.401	ug/L	98
51) Chlorobenzene	9.449	112	88609	10.400	ug/L	99
52) Ethylbenzene	9.571	91	117892	8.981	ug/L	99
53) m,p-Xylene	9.697	106	45164	8.737	ug/L	96
54) o-Xylene	10.102	106	44980	8.787	ug/L	94
55) Styrene	10.115	104	75063	8.553	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	70836	11.828	ug/L	97
59) Bromoform	10.295	173	32289	11.495	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	53606	12.666	ug/L	99
61) Isopropylbenzene	10.485	105	113590	9.614	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	56269	8.758	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	83515	8.492	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	68457	10.436	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	71960	10.701	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	72868	11.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12929	9.915	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	48350	9.236	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	34097	7.594	ug/L	100
71) Naphthalene	14.089	128	83031	6.208	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	34888	7.703	ug/L	98

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

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