

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045430.D
 Acq On : 28 Oct 2021 10:30
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005025

Quant Time: Oct 29 02:50:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315474	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	294221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	140784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	12260	7.540	ug/L	0.00
7) Chloroethane-d5	1.916	69	10425	7.182	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	21440	6.834	ug/L	0.00
21) 2-Butanone-d5	4.636	46	20228	9.765	ug/L	0.00
24) Chloroform-d	5.070	84	21532	5.567	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	14972	5.714	ug/L	0.00
32) Benzene-d6	5.732	84	42870	6.836	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	13722	5.902	ug/L	0.00
41) Toluene-d8	7.903	98	36706	6.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5939	5.122	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	13258	9.468	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	20080	4.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	13679	5.373	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13872	5.719	ug/L	98
3) Chloromethane	1.520	50	17100	6.186	ug/L	100
5) Vinyl chloride	1.607	62	15725	5.296	ug/L	98
6) Bromomethane	1.861	94	7951	5.082	ug/L	100
8) Chloroethane	1.938	64	10113	5.580	ug/L	99
9) Trichlorofluoromethane	2.144	101	18868	5.248	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	11371	5.042	ug/L	99
12) 1,1-Dichloroethene	2.585	96	10343	4.938	ug/L	96
13) Acetone	2.646	43	21206	9.365	ug/L	97
14) Carbon disulfide	2.800	76	29897	5.153	ug/L	100
15) Methyl Acetate	2.957	43	14800	4.944	ug/L	100
16) Methylene chloride	3.051	84	13688	5.111	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	11370	5.056	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	38652	4.944	ug/L	98
19) 1,1-Dichloroethane	3.877	63	22497	4.917	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	12815	4.991	ug/L	99
22) 2-Butanone	4.716	43	24774	9.576	ug/L	97
23) Bromochloromethane	4.983	128	6475	5.155	ug/L	91
25) Chloroform	5.096	83	22975	4.966	ug/L	97
27) 1,2-Dichloroethane	5.800	62	18667	5.014	ug/L	100
29) Cyclohexane	5.391	56	20225	5.517	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	18355	5.143	ug/L	99
31) Carbon tetrachloride	5.530	117	14508	5.258	ug/L	100
33) Benzene	5.777	78	50869	5.378	ug/L	100
34) Trichloroethene	6.549	95	11966	5.160	ug/L	97
35) Methylcyclohexane	6.771	83	20638	5.540	ug/L	99
37) 1,2-Dichloropropane	6.797	63	13730	5.368	ug/L	100
38) Bromodichloromethane	7.112	83	16500	5.001	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	18939	4.923	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	37679	9.708	ug/L	98
42) Toluene	7.973	91	51732	5.240	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	17774	4.849	ug/L	94

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45) 1,1,2-Trichloroethane	8.404	97	12514	5.131	ug/L	98
46) Tetrachloroethene	8.559	164	8399	5.192	ug/L	96
48) 2-Hexanone	8.687	43	31556	9.686	ug/L	97
49) Dibromochloromethane	8.816	129	11523	4.847	ug/L	96
50) 1,2-Dibromoethane	8.928	107	12715	5.032	ug/L	99
51) Chlorobenzene	9.449	112	31336	5.052	ug/L	98
52) Ethylbenzene	9.575	91	53370	5.013	ug/L	100
53) m,p-Xylene	9.697	106	20222	4.979	ug/L	99
54) o-xylene	10.105	106	20484	5.047	ug/L	93
55) Styrene	10.118	104	32090	4.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	21194	4.877	ug/L	97
59) Bromoform	10.292	173	7475	4.724	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	17683	5.329	ug/L	98
61) Isopropylbenzene	10.488	105	49895	5.057	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	40930	4.993	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	40655	4.887	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	22313	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	22902	5.071	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	23848	5.256	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4645	4.990	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	16383	5.283	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	14397	5.460	ug/L	98
71) Naphthalene	14.089	128	52470	5.772	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	15214	5.748	ug/L	100

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

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