

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057380.D
 Acq On : 08 Jan 2024 13:10
 Operator : MD/SY
 Sample : VSTD20045
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200045

Quant Time: Jan 09 00:22:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:19:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	278886	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	279019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	149095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	367687	191.555	ug/L	0.00
7) Chloroethane-d5	1.914	69	279186	187.952	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	767364	188.612	ug/L	0.00
21) 2-Butanone-d5	4.634	46	391958	421.415	ug/L	0.00
24) Chloroform-d	5.055	84	859711	189.401	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	575194	191.820	ug/L	0.00
32) Benzene-d6	5.721	84	1474310	196.843	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	412330	195.053	ug/L	0.00
41) Toluene-d8	7.891	98	1428739	203.560	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	271639	215.284	ug/L	0.00
47) 2-Hexanone-d5	8.640	63	315393	456.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	603115	190.916	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	571315	195.918	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	594684	186.913	ug/L	98
3) Chloromethane	1.518	50	353234	176.934	ug/L	98
5) Vinyl chloride	1.605	62	401086	187.664	ug/L	99
6) Bromomethane	1.859	94	274484	194.037	ug/L	100
8) Chloroethane	1.933	64	224972	179.957	ug/L	95
9) Trichlorofluoromethane	2.132	101	826333	185.301	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	398879	186.251	ug/L	99
12) 1,1-Dichloroethene	2.573	96	357404	189.134	ug/L	93
13) Acetone	2.647	43	424017	369.713	ug/L	98
14) Carbon disulfide	2.785	76	1111474	189.899	ug/L	99
15) Methyl Acetate	2.949	43	275508	186.456	ug/L	99
16) Methylene chloride	3.039	84	387641	180.420	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	371777	192.310	ug/L	98
18) Methyl tert-butyl Ether	3.354	73	1278017	206.531	ug/L	99
19) 1,1-Dichloroethane	3.859	63	669999	187.203	ug/L	98
20) cis-1,2-Dichloroethene	4.656	96	420552	203.365	ug/L	99
22) 2-Butanone	4.711	43	440322	394.541	ug/L	92
23) Bromochloromethane	4.965	128	221079	186.238	ug/L	97
25) Chloroform	5.078	83	807854	185.990	ug/L	99
27) 1,2-Dichloroethane	5.785	62	691237	188.926	ug/L	100
29) Cyclohexane	5.380	56	555107	210.284	ug/L	100
30) 1,1,1-Trichloroethane	5.309	97	812686	189.308	ug/L	99
31) Carbon tetrachloride	5.518	117	728139	191.236	ug/L	100
33) Benzene	5.766	78	1505058	191.942	ug/L	100
34) Trichloroethene	6.534	95	443272	193.628	ug/L	99
35) Methylcyclohexane	6.756	83	663520	213.032	ug/L	99
37) 1,2-Dichloropropane	6.782	63	360232	186.169	ug/L	100
38) Bromodichloromethane	7.097	83	629548	192.058	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	713305	210.519	ug/L	99
40) 4-Methyl-2-pentanone	7.801	43	825280	418.590	ug/L	100
42) Toluene	7.962	91	1683589	199.674	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	719989	211.656	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	407767	191.523	ug/L	98
46) Tetrachloroethene	8.547	164	335553	193.768	ug/L	99
48) 2-Hexanone	8.692	43	664657	411.158	ug/L	99
49) Dibromochloromethane	8.807	129	510286	196.670	ug/L	99
50) 1,2-Dibromoethane	8.917	107	453567	200.837	ug/L	99
51) Chlorobenzene	9.444	112	1134756	200.294	ug/L	99
52) Ethylbenzene	9.566	91	2033749	216.606	ug/L	99
53) m,p-Xylene	9.688	106	749208	213.461	ug/L	97
54) o-Xylene	10.097	106	737013	215.020	ug/L	97
55) Styrene	10.110	104	1304695	224.781	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	615502	191.725	ug/L	95
59) Bromoform	10.290	173	411525	190.360	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	507287	179.629	ug/L	100
61) Isopropylbenzene	10.479	105	2092029	214.257	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	1844535	220.893	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1823495	222.453	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	938183	203.883	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	935759	198.105	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	909397	196.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	151788	201.288	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	686142	208.307	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	596558	237.881	ug/L	100
71) Naphthalene	14.077	128	1497636	255.583	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	545230	229.899	ug/L	99

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

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