

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052924\
 Data File : VU059048.D
 Acq On : 29 May 2024 13:02
 Operator : MD/SY
 Sample : VSTD05073
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050073

Quant Time: May 30 00:09:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 00:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	199345	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	196253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	62451	32.110	ug/L	0.00
7) Chloroethane-d5	1.888	69	51390	31.864	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	118401	38.610	ug/L	0.00
21) 2-Butanone-d5	4.608	46	118260	85.471	ug/L	0.00
24) Chloroform-d	5.052	84	122965	36.237	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	76601	36.916	ug/L	0.00
32) Benzene-d6	5.718	84	232819	37.328	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	79059	37.937	ug/L	0.00
41) Toluene-d8	7.891	98	199142	35.903	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	33810	36.400	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	75024	86.023	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	129673	40.759	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	71870	38.272	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	104183	69.730	ug/L	100
3) Chloromethane	1.515	50	114357	70.584	ug/L	100
5) Vinyl chloride	1.599	62	116203	63.672	ug/L	100
6) Bromomethane	1.827	94	96481	80.526	ug/L	100
8) Chloroethane	1.911	64	69198	57.219	ug/L	100
9) Trichlorofluoromethane	2.123	101	133287	56.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	78533	50.201	ug/L	100
12) 1,1-Dichloroethene	2.567	96	71834	55.692	ug/L	100
13) Acetone	2.612	43	132391	99.945	ug/L	100
14) Carbon disulfide	2.782	76	231501	82.430	ug/L	100
15) Methyl Acetate	2.936	43	102917	49.987	ug/L	100
16) Methylene chloride	3.033	84	91849	45.574	ug/L	100
17) trans-1,2-Dichloroethene	3.341	96	75614	57.763	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	243658	49.222	ug/L	100
19) 1,1-Dichloroethane	3.853	63	162395	50.619	ug/L	100
20) cis-1,2-Dichloroethene	4.653	96	85153	51.052	ug/L	100
22) 2-Butanone	4.685	43	157360	94.342	ug/L	100
23) Bromochloromethane	4.962	128	43360	50.030	ug/L	100
25) Chloroform	5.078	83	157666	47.232	ug/L	100
27) 1,2-Dichloroethane	5.782	62	134971	51.844	ug/L	100
29) Cyclohexane	5.377	56	132006	70.693	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	126158	52.478	ug/L	100
31) Carbon tetrachloride	5.515	117	102419	52.573	ug/L	100
33) Benzene	5.763	78	354397	57.217	ug/L	100
34) Trichloroethene	6.534	95	86915	53.948	ug/L	100
35) Methylcyclohexane	6.753	83	130916	65.308	ug/L	100
37) 1,2-Dichloropropane	6.782	63	101204	51.580	ug/L	100
38) Bromodichloromethane	7.097	83	115605	48.480	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	140591	52.101	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	269484	99.012	ug/L	100
42) Toluene	7.962	91	363745	55.866	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	129037	51.084	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	90568	47.797	ug/L	100
46) Tetrachloroethene	8.547	164	56628	52.816	ug/L	100
48) 2-Hexanone	8.676	43	224716	99.837	ug/L	100
49) Dibromochloromethane	8.801	129	82050	45.693	ug/L	100
50) 1,2-Dibromoethane	8.917	107	92014	50.319	ug/L	100
51) Chlorobenzene	9.441	112	213204	50.573	ug/L	100
52) Ethylbenzene	9.563	91	376924	53.875	ug/L	100
53) m,p-Xylene	9.688	106	140155	55.477	ug/L	100
54) o-Xylene	10.094	106	135812	54.059	ug/L	100
55) Styrene	10.106	104	235485	53.234	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	161123	47.467	ug/L	100
59) Bromoform	10.283	173	60630	47.393	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	127655	51.117	ug/L	100
61) Isopropylbenzene	10.476	105	353980	55.804	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	254987	52.054	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	287572	57.016	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	158292	49.066	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	161726	49.665	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	167686	50.658	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	34458	51.450	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	106237	47.232	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	84729	44.329	ug/L	100
71) Naphthalene	14.081	128	250834	45.103	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	88180	45.179	ug/L	100

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

