

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052924\
 Data File : VU059049.D
 Acq On : 29 May 2024 13:26
 Operator : MD/SY
 Sample : VSTD10074
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100074

Quant Time: May 30 00:09:34 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	6.238	114	200364	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	195350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	122216	62.519	ug/L	0.00
7) Chloroethane-d5	1.882	69	105073	64.819	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	238250	77.298	ug/L	0.00
21) 2-Butanone-d5	4.605	46	249783	179.609	ug/L	0.00
24) Chloroform-d	5.049	84	252998	74.178	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	153728	73.708	ug/L	0.00
32) Benzene-d6	5.714	84	476884	76.813	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	163799	78.963	ug/L	0.00
41) Toluene-d8	7.888	98	415725	75.297	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	69900	75.603	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	175253	201.875	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	280761	88.657	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	158617	80.219	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	201046	133.877	ug/L	99
3) Chloromethane	1.515	50	224013	137.564	ug/L	99
5) Vinyl chloride	1.599	62	232376	126.681	ug/L	100
6) Bromomethane	1.824	94	186738	155.065	ug/L	98
8) Chloroethane	1.907	64	138180	113.678	ug/L	100
9) Trichlorofluoromethane	2.120	101	260942	109.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	148585	94.498	ug/L	97
12) 1,1-Dichloroethene	2.567	96	143870	110.974	ug/L	96
13) Acetone	2.612	43	246018	184.781	ug/L	99
14) Carbon disulfide	2.779	76	465893	165.046	ug/L	100
15) Methyl Acetate	2.933	43	212787	102.826	ug/L	98
16) Methylene chloride	3.030	84	180734	89.221	ug/L	98
17) trans-1,2-Dichloroethene	3.338	96	153304	116.515	ug/L	98
18) Methyl tert-butyl Ether	3.348	73	515072	103.522	ug/L	100
19) 1,1-Dichloroethane	3.853	63	325654	100.992	ug/L	97
20) cis-1,2-Dichloroethene	4.653	96	177958	106.150	ug/L	99
22) 2-Butanone	4.685	43	326861	194.967	ug/L	100
23) Bromochloromethane	4.962	128	86010	98.737	ug/L	96
25) Chloroform	5.074	83	318374	94.890	ug/L	97
27) 1,2-Dichloroethane	5.782	62	264322	101.013	ug/L	100
29) Cyclohexane	5.377	56	274683	147.781	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	255427	106.740	ug/L	100
31) Carbon tetrachloride	5.512	117	205872	106.164	ug/L	99
33) Benzene	5.763	78	718279	116.500	ug/L	100
34) Trichloroethene	6.534	95	176303	109.937	ug/L	99
35) Methylcyclohexane	6.756	83	273638	137.136	ug/L	98
37) 1,2-Dichloropropane	6.782	63	201392	103.116	ug/L	100
38) Bromodichloromethane	7.097	83	236598	99.679	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	293264	109.181	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	574968	212.228	ug/L	99
42) Toluene	7.962	91	748683	115.519	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	273385	108.731	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	183451	97.263	ug/L	99
46) Tetrachloroethene	8.547	164	119065	111.562	ug/L	94
48) 2-Hexanone	8.676	43	482951	215.559	ug/L	99
49) Dibromochloromethane	8.801	129	167721	93.835	ug/L	95
50) 1,2-Dibromoethane	8.917	107	191200	105.043	ug/L	97
51) Chlorobenzene	9.441	112	437315	104.213	ug/L	100
52) Ethylbenzene	9.563	91	791775	113.693	ug/L	100
53) m,p-Xylene	9.688	106	294953	117.290	ug/L	98
54) o-Xylene	10.094	106	289734	115.859	ug/L	99
55) Styrene	10.106	104	505102	114.712	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	345037	102.119	ug/L	97
59) Bromoform	10.283	173	135116	100.308	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	268374	102.063	ug/L	100
61) Isopropylbenzene	10.476	105	761636	114.034	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	575978	111.671	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	635595	119.682	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	343080	100.997	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	347017	101.209	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	358556	102.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	76396	108.334	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	234656	99.081	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	204283	101.504	ug/L	99
71) Naphthalene	14.081	128	665616	113.668	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	206146	100.308	ug/L	99

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

