

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057560.D
 Acq On : 18 Jan 2024 15:28
 Operator : MD/SY
 Sample : VSTD10050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100050

Quant Time: Jan 19 01:30:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	414197	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	569903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	197203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	507560	122.031	ug/L	0.00
7) Chloroethane-d5	1.914	69	390682	121.549	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	927948	123.747	ug/L	0.00
21) 2-Butanone-d5	4.628	46	413767	229.495	ug/L	0.00
24) Chloroform-d	5.052	84	758254	118.670	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	482982	121.895	ug/L	0.00
32) Benzene-d6	5.718	84	1478672	93.283	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	418350	71.280	ug/L	0.00
41) Toluene-d8	7.891	98	1424315	87.660	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	288129	98.647	ug/L	0.00
47) 2-Hexanone-d5	8.650	63	423342	220.020	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	813488	106.073	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	409545	106.861	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	607847	112.426	ug/L	100
3) Chloromethane	1.518	50	589119	112.182	ug/L	98
5) Vinyl chloride	1.605	62	599655	121.038	ug/L	100
6) Bromomethane	1.856	94	283190	126.057	ug/L	99
8) Chloroethane	1.933	64	337702	120.304	ug/L	99
9) Trichlorofluoromethane	2.133	101	690313	113.822	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	466540	121.389	ug/L	99
12) 1,1-Dichloroethene	2.570	96	426699	124.395	ug/L	90
13) Acetone	2.641	43	634597	226.750	ug/L	100
14) Carbon disulfide	2.785	76	1400767	116.134	ug/L	100
15) Methyl Acetate	2.946	43	467504	125.461	ug/L	99
16) Methylene chloride	3.039	84	494578	116.632	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	432124	119.983	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	1409944	127.246	ug/L	99
19) 1,1-Dichloroethane	3.859	63	704181	116.627	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	354372	116.025	ug/L	94
22) 2-Butanone	4.708	43	530928	227.286	ug/L	100
23) Bromochloromethane	4.965	128	185782	113.537	ug/L	96
25) Chloroform	5.078	83	702574	113.784	ug/L	99
27) 1,2-Dichloroethane	5.785	62	614977	123.798	ug/L	100
29) Cyclohexane	5.380	56	578545	95.485	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	556989	81.548	ug/L	100
31) Carbon tetrachloride	5.518	117	485777	87.661	ug/L	99
33) Benzene	5.766	78	1519972	90.772	ug/L	100
34) Trichloroethene	6.534	95	350100	70.987	ug/L	98
35) Methylcyclohexane	6.756	83	562419	73.695	ug/L	97
37) 1,2-Dichloropropane	6.782	63	373620	68.205	ug/L	100
38) Bromodichloromethane	7.097	83	548624	78.677	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	624083	77.891	ug/L	98
40) 4-Methyl-2-pentanone	7.811	43	1017882	165.093	ug/L	100
42) Toluene	7.965	91	1967882	93.910	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	793615	97.679	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	497115	95.314	ug/L	99
46) Tetrachloroethene	8.547	164	334803	95.072	ug/L	99
48) 2-Hexanone	8.698	43	1132080	208.538	ug/L	97
49) Dibromochloromethane	8.804	129	494919	94.941	ug/L	95
50) 1,2-Dibromoethane	8.917	107	521655	96.531	ug/L	97
51) Chlorobenzene	9.444	112	1261467	102.792	ug/L	99
52) Ethylbenzene	9.566	91	2295788	112.012	ug/L	99
53) m,p-Xylene	9.688	106	851245	112.911	ug/L	97
54) o-Xylene	10.097	106	813479	112.334	ug/L	99
55) Styrene	10.113	104	1413077	116.546	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	821753	105.159	ug/L	100
59) Bromoform	10.293	173	358662	126.170	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	628819	128.159	ug/L	99
61) Isopropylbenzene	10.479	105	2169799	141.747	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	1495524	129.995	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	1429609	122.442	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	671562	103.288	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	667006	100.606	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	662391	108.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	95278	93.798	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	450671	102.078	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	365916	107.078	ug/L	99
71) Naphthalene	14.081	128	1008625	123.931	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	354548	114.538	ug/L	98

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

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