

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061274.D
 Acq On : 28 Oct 2024 19:07
 Operator : MD/SY
 Sample : VSTD20007
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200007

Quant Time: Oct 29 01:51:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	268310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	262239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	144337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	379504	218.070	ug/L	0.00
7) Chloroethane-d5	1.895	69	329945	224.455	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	704866	225.293	ug/L	0.00
21) 2-Butanone-d5	4.605	46	670280	529.031	ug/L	0.00
24) Chloroform-d	5.049	84	825893	240.492	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	520256	250.212	ug/L	0.00
32) Benzene-d6	5.714	84	1667947	238.431	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	517204	239.193	ug/L	0.00
41) Toluene-d8	7.888	98	1611192	242.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	279602	271.425	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	610683	638.022	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	889145	265.580	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	651597	236.775	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	384773	222.463	ug/L	99
3) Chloromethane	1.515	50	352159	209.732	ug/L	100
5) Vinyl chloride	1.599	62	399053	204.944	ug/L	100
6) Bromomethane	1.833	94	283544	256.316	ug/L	100
8) Chloroethane	1.917	64	251593	199.712	ug/L	97
9) Trichlorofluoromethane	2.126	101	550167	202.914	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	317754	187.611	ug/L	100
12) 1,1-Dichloroethene	2.570	96	307997	192.915	ug/L	95
13) Acetone	2.615	43	430588	348.455	ug/L	96
14) Carbon disulfide	2.782	76	963396	230.360	ug/L	100
15) Methyl Acetate	2.936	43	379961	201.655	ug/L	100
16) Methylene chloride	3.033	84	368572	184.123	ug/L	99
17) trans-1,2-Dichloroethene	3.341	96	339923	205.626	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	1154666	212.632	ug/L	99
19) 1,1-Dichloroethane	3.856	63	638121	203.142	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	404516	202.450	ug/L	99
22) 2-Butanone	4.685	43	622421	402.675	ug/L	97
23) Bromochloromethane	4.962	128	209702	199.650	ug/L	96
25) Chloroform	5.074	83	685892	202.751	ug/L	97
27) 1,2-Dichloroethane	5.782	62	551294	212.708	ug/L	97
29) Cyclohexane	5.377	56	584618	233.568	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	595841	211.587	ug/L	99
31) Carbon tetrachloride	5.512	117	521590	222.687	ug/L	100
33) Benzene	5.763	78	1514779	207.892	ug/L	100
34) Trichloroethene	6.531	95	405848	208.727	ug/L	99
35) Methylcyclohexane	6.753	83	633157	230.115	ug/L	99
37) 1,2-Dichloropropane	6.779	63	398222	200.783	ug/L	99
38) Bromodichloromethane	7.094	83	536303	212.180	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	692469	225.547	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	1158298	450.980	ug/L	99
42) Toluene	7.959	91	1707238	215.441	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	657733	231.445	ug/L	99

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45) 1,1,2-Trichloroethane	8.389	97	414308	200.282	ug/L	99
46) Tetrachloroethene	8.544	164	297570	191.619	ug/L	98
48) 2-Hexanone	8.676	43	992004	462.670	ug/L	99
49) Dibromochloromethane	8.801	129	448740	219.210	ug/L	98
50) 1,2-Dibromoethane	8.914	107	469940	215.051	ug/L	98
51) Chlorobenzene	9.438	112	1096814	209.324	ug/L	99
52) Ethylbenzene	9.560	91	1919334	225.432	ug/L	100
53) m,p-Xylene	9.685	106	747257	226.329	ug/L	99
54) o-Xylene	10.090	106	736264	230.788	ug/L	96
55) Styrene	10.106	104	1264122	237.389	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	769580	218.901	ug/L	99
59) Bromoform	10.280	173	379002	215.460	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	589145	205.980	ug/L	99
61) Isopropylbenzene	10.473	105	1933735	220.518	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	1607728	243.816	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1618085	234.413	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	891551	202.329	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	900365	197.604	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	903644	202.380	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	188178	239.242	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	619431	196.287	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	578207	203.743	ug/L	100
71) Naphthalene	14.077	128	2011198	242.585	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	560569	199.663	ug/L	99

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

