

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082323\
 Data File : VV031860.D
 Acq On : 23 Aug 2023 11:08
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200265

Quant Time: Aug 24 01:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	269658	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	266085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	147694	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	342916	177.316	ug/L	0.00
7) Chloroethane-d5	1.519	69	300660	223.062	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	156207	225.411	ug/L	0.00
21) 2-Butanone-d5	3.780	46	558933	464.740	ug/L	0.00
24) Chloroform-d	4.249	84	760501	173.644	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	504098	187.126	ug/L	0.00
32) Benzene-d6	4.960	84	1480992	177.017	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	480415	176.803	ug/L	0.00
41) Toluene-d8	7.246	98	1359576	175.391	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	267923	220.179	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	321261	510.646	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	669825	196.561	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	550572	183.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	323728	151.572	ug/L	98
3) Chloromethane	1.214	50	331214	189.199	ug/L	100
5) Vinyl chloride	1.282	62	360410	194.428	ug/L	99
6) Bromomethane	1.468	94	201983	185.615	ug/L	98
8) Chloroethane	1.539	64	238257	231.165	ug/L	98
9) Trichlorofluoromethane	1.706	101	515336	186.460	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	307884	206.053	ug/L	99
12) 1,1-Dichloroethene	2.066	96	280124	220.056	ug/L	94
13) Acetone	2.111	43	403568	482.750	ug/L	100
14) Carbon disulfide	2.236	76	673883	200.707	ug/L	100
15) Methyl Acetate	2.368	43	429181	215.592	ug/L	98
16) Methylene chloride	2.445	84	354213	168.301	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	308330	184.771	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	1309646	216.117	ug/L	99
19) 1,1-Dichloroethane	3.111	63	697088	194.615	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	393517	196.098	ug/L	98
22) 2-Butanone	3.860	43	629761	432.583	ug/L	97
23) Bromochloromethane	4.146	128	191430	183.383	ug/L	98
25) Chloroform	4.275	83	715692	177.908	ug/L	99
27) 1,2-Dichloroethane	5.040	62	572568	189.474	ug/L	100
29) Cyclohexane	4.584	56	546229	203.797	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	613765	157.352	ug/L	100
31) Carbon tetrachloride	4.735	117	513464	145.212	ug/L	98
33) Benzene	5.011	78	1417797	181.261	ug/L	100
34) Trichloroethene	5.831	95	417614	161.426	ug/L	98
35) Methylcyclohexane	6.053	83	574135	184.743	ug/L	98
37) 1,2-Dichloropropane	6.095	63	416833	182.760	ug/L	100
38) Bromodichloromethane	6.432	83	575051	176.043	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	728096	219.338	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	1292738	466.231	ug/L	98
42) Toluene	7.317	91	1555830	190.257	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	701315	221.368	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	408476	188.086	ug/L	99
46) Tetrachloroethene	7.908	164	268723	164.769	ug/L	98
48) 2-Hexanone	8.075	43	995698	474.373	ug/L	100
49) Dibromochloromethane	8.178	129	438110	170.434	ug/L	99
50) 1,2-Dibromoethane	8.284	107	430249	174.688	ug/L	100
51) Chlorobenzene	8.815	112	1039192	184.296	ug/L	100
52) Ethylbenzene	8.950	91	1832808	198.142	ug/L	100
53) m,p-Xylene	9.075	106	692747	215.287	ug/L	98
54) o-Xylene	9.481	106	689902	233.599	ug/L	100
55) Styrene	9.500	104	1228556	232.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	622937	207.758	ug/L	99
59) Bromoform	9.667	173	334499	194.834	ug/L	99
60) Isopropylbenzene	9.870	105	1886023	225.022	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	544403	192.441	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	1611679	239.101	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	1629156	238.195	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	865612	191.993	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	879714	186.557	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	862622	188.257	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	184581	217.643	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	652125	174.100	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	638139	175.559	ug/L	99
71) Naphthalene	13.442	128	2069632	193.075	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	608949	160.632	ug/L	99

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

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