

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033015.D
 Acq On : 20 Nov 2023 10:41
 Operator : SY/MD
 Sample : VSTD10008
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100208

Quant Time: Nov 20 23:13:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:11:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338010	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	341076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	218096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	169585	95.958	ug/L	0.00
7) Chloroethane-d5	1.529	69	130928	96.328	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	66848	92.442	ug/L	0.00
21) 2-Butanone-d5	3.777	46	241823	218.028	ug/L	0.00
24) Chloroform-d	4.246	84	435874	100.077	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	274859	101.168	ug/L	0.00
32) Benzene-d6	4.960	84	813281	102.392	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	232102	103.050	ug/L	0.00
41) Toluene-d8	7.243	98	786788	103.767	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	139896	106.393	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	210544	228.625	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	348382	101.614	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	381192	98.013	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	320386	87.735	ug/L	97
3) Chloromethane	1.214	50	249482	91.545	ug/L	99
5) Vinyl chloride	1.285	62	232194	91.848	ug/L	100
6) Bromomethane	1.478	94	154820	92.679	ug/L	99
8) Chloroethane	1.545	64	128968	92.234	ug/L	98
9) Trichlorofluoromethane	1.712	101	365408	89.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	175917	87.171	ug/L	98
12) 1,1-Dichloroethene	2.069	96	172822	92.749	ug/L	95
13) Acetone	2.108	43	200613	182.347	ug/L	99
14) Carbon disulfide	2.240	76	576101	92.961	ug/L	99
15) Methyl Acetate	2.368	43	190211	98.619	ug/L	97
16) Methylene chloride	2.445	84	238732	90.433	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	228955	96.012	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	759147	101.484	ug/L	99
19) 1,1-Dichloroethane	3.111	63	401870	94.342	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	264487	98.921	ug/L	97
22) 2-Butanone	3.857	43	291711	207.630	ug/L	98
23) Bromochloromethane	4.143	128	141834	96.445	ug/L	97
25) Chloroform	4.275	83	458652	95.663	ug/L	99
27) 1,2-Dichloroethane	5.037	62	365001	97.588	ug/L	98
29) Cyclohexane	4.584	56	314786	95.658	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	424322	95.249	ug/L	99
31) Carbon tetrachloride	4.735	117	385957	92.969	ug/L	100
33) Benzene	5.008	78	938434	98.917	ug/L	100
34) Trichloroethene	5.831	95	259679	97.109	ug/L	98
35) Methylcyclohexane	6.050	83	369243	95.002	ug/L	99
37) 1,2-Dichloropropane	6.092	63	227952	97.891	ug/L	99
38) Bromodichloromethane	6.429	83	353504	97.704	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	403800	100.725	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	533189	209.331	ug/L	98
42) Toluene	7.313	91	1052650	100.138	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	420227	104.317	ug/L	99

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45) 1,1,2-Trichloroethane	7.767	97	256245	97.711	ug/L	99
46) Tetrachloroethene	7.905	164	221985	95.259	ug/L	98
48) 2-Hexanone	8.072	43	430979	213.875	ug/L	99
49) Dibromochloromethane	8.175	129	300994	99.584	ug/L	100
50) 1,2-Dibromoethane	8.281	107	274307	99.872	ug/L	98
51) Chlorobenzene	8.812	112	718576	96.330	ug/L	99
52) Ethylbenzene	8.947	91	1208410	100.137	ug/L	99
53) m,p-Xylene	9.072	106	476616	100.525	ug/L	97
54) o-Xylene	9.477	106	475104	104.100	ug/L	100
55) Styrene	9.493	104	850785	104.502	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	373899	100.927	ug/L	100
59) Bromoform	9.664	173	246856	97.122	ug/L	100
60) Isopropylbenzene	9.866	105	1288005	97.418	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	295010	93.765	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	1064479	100.349	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	1129777	101.664	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	671465	94.793	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	699113	92.850	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	675821	95.082	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	91428	99.891	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	531276	96.471	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	506199	100.299	ug/L	99
71) Naphthalene	13.439	128	1368991	109.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	500960	102.379	ug/L	99

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

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