

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022337.D
 Acq On : 27 Sep 2021 16:57
 Operator : SY/MD
 Sample : VSTD05053
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050253

Quant Time: Sep 28 02:14:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:13:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	275749	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	270105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	150135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115518	58.392	ug/L	0.00
7) Chloroethane-d5	1.561	69	92233	59.453	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	201150	60.521	ug/L	0.00
21) 2-Butanone-d5	3.873	46	179915	130.595	ug/L	0.00
24) Chloroform-d	4.349	84	210631	58.629	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	130717	60.968	ug/L	0.00
32) Benzene-d6	5.050	84	442217	58.385	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	137454	57.694	ug/L	0.00
41) Toluene-d8	7.317	98	405997	57.164	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	64610	57.354	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	122455	132.271	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	203981	65.210	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	166921	55.350	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	127595	62.741	ug/L	100
3) Chloromethane	1.243	50	129337	60.736	ug/L	100
5) Vinyl chloride	1.307	62	121623	57.632	ug/L	100
6) Bromomethane	1.513	94	78859	61.634	ug/L	100
8) Chloroethane	1.581	64	73658	56.169	ug/L	100
9) Trichlorofluoromethane	1.751	101	166555	55.767	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91733	53.175	ug/L	100
12) 1,1-Dichloroethene	2.114	96	88529	54.232	ug/L	100
13) Acetone	2.159	43	121905	108.778	ug/L	100
14) Carbon disulfide	2.291	76	277946	55.980	ug/L	100
15) Methyl Acetate	2.426	43	125972	57.316	ug/L	100
16) Methylene chloride	2.503	84	115741	53.092	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	102864	52.734	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	311211	50.788	ug/L	100
19) 1,1-Dichloroethane	3.188	63	184860	53.056	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	110579	51.321	ug/L	100
22) 2-Butanone	3.957	43	173013	110.494	ug/L	100
23) Bromochloromethane	4.246	128	60164	52.212	ug/L	100
25) Chloroform	4.375	83	191696	52.132	ug/L	100
27) 1,2-Dichloroethane	5.130	62	134658	54.401	ug/L	100
29) Cyclohexane	4.677	56	159793	52.089	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	162232	50.387	ug/L	100
31) Carbon tetrachloride	4.828	117	142526	51.363	ug/L	100
33) Benzene	5.098	78	420253	52.734	ug/L	100
34) Trichloroethene	5.915	95	104563	47.399	ug/L	100
35) Methylcyclohexane	6.130	83	166494	50.573	ug/L	100
37) 1,2-Dichloropropane	6.175	63	107502	52.093	ug/L	100
38) Bromodichloromethane	6.510	83	137212	52.229	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	163045	51.820	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	319496	113.493	ug/L	100
42) Toluene	7.387	91	451342	52.561	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156917	53.259	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	107731	51.583	ug/L	100
46) Tetrachloroethene	7.979	164	85057	49.092	ug/L	100
48) 2-Hexanone	8.140	43	244771	112.562	ug/L	100
49) Dibromochloromethane	8.249	129	116914	52.320	ug/L	100
50) 1,2-Dibromoethane	8.352	107	117130	52.289	ug/L	100
51) Chlorobenzene	8.883	112	289667	50.622	ug/L	100
52) Ethylbenzene	9.014	91	473561	51.270	ug/L	100
53) m,p-Xylene	9.140	106	184337	51.403	ug/L	100
54) o-Xylene	9.545	106	179926	50.789	ug/L	100
55) Styrene	9.561	104	321025	52.860	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	181448	58.538	ug/L	100
59) Bromoform	9.731	173	84188	52.563	ug/L	100
60) Isopropylbenzene	9.934	105	472757	50.182	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	140561	53.401	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	396116	50.175	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	403848	50.321	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	233747	48.904	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	234717	48.109	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	237508	49.884	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	37897	59.185	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	167254	47.234	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	142372	46.093	ug/L	100
71) Naphthalene	13.503	128	478757	52.883	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	149413	49.074	ug/L	100

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

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