

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027132.D
 Acq On : 01 Aug 2022 16:41
 Operator : SY/MD
 Sample : VSTD05048
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050248

Quant Time: Aug 02 00:05:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	619400	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	600677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	324039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	202422	50.426	ug/L	0.00
7) Chloroethane-d5	1.561	69	152961	50.920	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	378704	49.542	ug/L	0.00
21) 2-Butanone-d5	3.876	46	271859	107.936	ug/L	0.00
24) Chloroform-d	4.343	84	410412	50.580	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	230842	50.143	ug/L	0.00
32) Benzene-d6	5.047	84	823947	51.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	249039	50.649	ug/L	0.00
41) Toluene-d8	7.313	98	773752	53.997	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	111361	51.604	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	206214	108.633	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	373478	50.814	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	277930	48.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	293969	49.600	ug/L	100
3) Chloromethane	1.240	50	275743	49.064	ug/L	100
5) Vinyl chloride	1.307	62	290845	49.717	ug/L	100
6) Bromomethane	1.519	94	152559	50.287	ug/L	100
8) Chloroethane	1.581	64	160205	51.112	ug/L	100
9) Trichlorofluoromethane	1.748	101	375994	48.783	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	216725	49.029	ug/L	100
12) 1,1-Dichloroethene	2.114	96	209692	48.821	ug/L	100
13) Acetone	2.169	43	220070	98.611	ug/L	100
14) Carbon disulfide	2.288	76	630760	49.311	ug/L	100
15) Methyl Acetate	2.426	43	244211	50.299	ug/L	100
16) Methylene chloride	2.500	84	261442	48.022	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	227258	49.709	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	662657	50.457	ug/L	100
19) 1,1-Dichloroethane	3.185	63	411613	49.167	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	242643	49.999	ug/L	100
22) 2-Butanone	3.960	43	322226	109.960	ug/L	100
23) Bromochloromethane	4.243	128	139360	50.544	ug/L	100
25) Chloroform	4.368	83	441995	50.145	ug/L	100
27) 1,2-Dichloroethane	5.124	62	308377	50.530	ug/L	100
29) Cyclohexane	4.674	56	313748	51.591	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	378083	50.195	ug/L	100
31) Carbon tetrachloride	4.822	117	326595	50.425	ug/L	100
33) Benzene	5.095	78	969225	52.609	ug/L	100
34) Trichloroethene	5.912	95	235559	49.719	ug/L	100
35) Methylcyclohexane	6.127	83	365110	51.924	ug/L	100
37) 1,2-Dichloropropane	6.169	63	252386	52.183	ug/L	100
38) Bromodichloromethane	6.506	83	322993	50.417	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	342877	50.535	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	622039	108.821	ug/L	100
42) Toluene	7.384	91	1031139	54.255	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	342051	52.470	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	257612	50.669	ug/L	100
46) Tetrachloroethene	7.973	164	188486	52.108	ug/L	100
48) 2-Hexanone	8.137	43	496010	111.606	ug/L	100
49) Dibromochloromethane	8.243	129	268644	50.901	ug/L	100
50) 1,2-Dibromoethane	8.349	107	266867	50.700	ug/L	100
51) Chlorobenzene	8.879	112	658605	50.075	ug/L	100
52) Ethylbenzene	9.011	91	1041446	53.469	ug/L	100
53) m,p-Xylene	9.137	106	417881	54.692	ug/L	100
54) o-Xylene	9.542	106	406631	54.367	ug/L	100
55) Styrene	9.558	104	738490	56.811	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	418839	50.804	ug/L	100
59) Bromoform	9.728	173	181828	48.604	ug/L	100
60) Isopropylbenzene	9.931	105	1033378	51.973	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	323962	48.154	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	431943	50.156	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	348390	50.069	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	497213	50.741	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	517154	50.028	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	520101	50.543	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	88195	49.000	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	345007	49.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	291231	49.891	ug/L	100
71) Naphthalene	13.500	128	989877	51.623	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	330994	51.852	ug/L	100

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

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