

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021965.D
 Acq On : 27 Aug 2021 10:19
 Operator : SY/MD
 Sample : VSTD05047
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050247

Quant Time: Aug 28 02:06:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	393607	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	376896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	205643	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140373	46.011	ug/L	0.00
7) Chloroethane-d5	1.561	69	110210	47.482	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	228062	47.094	ug/L	0.00
21) 2-Butanone-d5	3.876	46	208268	104.264	ug/L	0.00
24) Chloroform-d	4.352	84	261169	48.956	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	153367	49.675	ug/L	0.00
32) Benzene-d6	5.050	84	530531	48.820	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	164419	48.672	ug/L	0.00
41) Toluene-d8	7.317	98	501432	49.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	79721	48.155	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	141736	121.537	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	222784	52.615	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	206633	48.328	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	132802	45.538	ug/L	100
3) Chloromethane	1.240	50	140930	46.319	ug/L	100
5) Vinyl chloride	1.310	62	142430	47.326	ug/L	100
6) Bromomethane	1.513	94	90004	50.073	ug/L	100
8) Chloroethane	1.580	64	88778	49.038	ug/L	100
9) Trichlorofluoromethane	1.751	101	199980	48.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	118297	49.687	ug/L	100
12) 1,1-Dichloroethene	2.114	96	111432	49.189	ug/L	100
13) Acetone	2.159	43	157329	102.880	ug/L #	74
14) Carbon disulfide	2.291	76	337622	45.583	ug/L	100
15) Methyl Acetate	2.426	43	158075	55.629	ug/L	100
16) Methylene chloride	2.506	84	147737	46.782	ug/L	100
17) trans-1,2-Dichloroethene	2.760	96	137027	51.573	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	438374	53.311	ug/L	100
19) 1,1-Dichloroethane	3.188	63	242830	51.424	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	152779	49.566	ug/L	100
22) 2-Butanone	3.957	43	230277	104.852	ug/L	100
23) Bromochloromethane	4.249	128	81464	49.748	ug/L	100
25) Chloroform	4.378	83	255348	49.959	ug/L	100
27) 1,2-Dichloroethane	5.130	62	176247	49.167	ug/L	100
29) Cyclohexane	4.677	56	206113	46.310	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	223062	48.797	ug/L	100
31) Carbon tetrachloride	4.828	117	193003	48.846	ug/L	100
33) Benzene	5.101	78	547770	48.748	ug/L	100
34) Trichloroethene	5.915	95	152875	47.238	ug/L	100
35) Methylcyclohexane	6.133	83	219063	46.804	ug/L	100
37) 1,2-Dichloropropane	6.175	63	140732	49.198	ug/L	100
38) Bromodichloromethane	6.513	83	183766	48.908	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	227063	49.982	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	408510	103.193	ug/L	100
42) Toluene	7.391	91	593045	49.310	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	212274	49.922	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	144817	50.443	ug/L	100
46) Tetrachloroethene	7.979	164	118079	49.031	ug/L	100
48) 2-Hexanone	8.140	43	319361	104.381	ug/L	100
49) Dibromochloromethane	8.249	129	157577	50.126	ug/L	100
50) 1,2-Dibromoethane	8.355	107	158006	50.486	ug/L	100
51) Chlorobenzene	8.882	112	397346	50.306	ug/L	100
52) Ethylbenzene	9.014	91	641554	49.898	ug/L	100
53) m,p-Xylene	9.140	106	251139	50.259	ug/L	100
54) o-Xylene	9.545	106	247024	50.072	ug/L	100
55) Styrene	9.564	104	431485	51.981	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	219508	54.399	ug/L	100
59) Bromoform	9.734	173	112892	48.335	ug/L	100
60) Isopropylbenzene	9.934	105	651945	48.766	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	182210	49.156	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	551241	49.155	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	561617	49.317	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	323632	49.694	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	329179	50.375	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	323535	49.330	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	47389	52.606	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	242990	51.200	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	216193	53.931	ug/L	100
71) Naphthalene	13.503	128	659181	56.573	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	214384	53.345	ug/L	100

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

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