

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025251.D
 Acq On : 22 Nov 2021 13:14
 Operator : JC/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050639

Quant Time: Nov 23 00:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 00:57:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	176684	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	161347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	59697	39.368	ug/L	0.00
7) Chloroethane-d5	1.660	69	49535	50.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	95225	33.211	ug/L	0.00
21) 2-Butanone-d5	4.458	46	91296	85.902	ug/L	0.00
24) Chloroform-d	5.062	84	105836	36.034	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	64689	33.983	ug/L	0.00
32) Benzene-d6	5.976	84	214612	40.144	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	65996	40.154	ug/L	0.00
41) Toluene-d8	8.653	98	201023	42.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	33041	39.099	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	70179	99.183	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	94461	40.677	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	80744	50.302	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53438	31.522	ug/L	100
3) Chloromethane	1.294	50	53421	42.560	ug/L	100
5) Vinyl chloride	1.373	62	64458	43.623	ug/L	100
6) Bromomethane	1.599	94	36378	39.362	ug/L	100
8) Chloroethane	1.684	64	40928	47.262	ug/L	100
9) Trichlorofluoromethane	1.886	101	99909	37.736	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	52389	38.188	ug/L	100
12) 1,1-Dichloroethene	2.318	96	48332	39.873	ug/L	100
13) Acetone	2.379	43	72210	71.053	ug/L	100
14) Carbon disulfide	2.514	76	117204	37.517	ug/L	100
15) Methyl Acetate	2.703	43	61703	42.398	ug/L	# 90
16) Methylene chloride	2.788	84	55281	40.354	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	51428	41.326	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	176795	37.458	ug/L	100
19) 1,1-Dichloroethane	3.611	63	94762	37.381	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	61595	42.573	ug/L	100
22) 2-Butanone	4.562	43	98854	80.298	ug/L	100
23) Bromochloromethane	4.903	128	33005	47.457	ug/L	100
25) Chloroform	5.098	83	101671	36.545	ug/L	100
27) 1,2-Dichloroethane	6.092	62	74800	35.306	ug/L	100
29) Cyclohexane	5.470	56	83972	36.884	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	91927	34.399	ug/L	100
31) Carbon tetrachloride	5.678	117	82236	38.131	ug/L	100
33) Benzene	6.043	78	221555	39.040	ug/L	100
34) Trichloroethene	7.129	95	57950	39.040	ug/L	100
35) Methylcyclohexane	7.385	83	91509	40.724	ug/L	100
37) 1,2-Dichloropropane	7.433	63	56459	41.797	ug/L	100
38) Bromodichloromethane	7.824	83	77083	39.339	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	90002	40.654	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	178827	84.145	ug/L	100
42) Toluene	8.720	91	245568	43.275	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	88069	41.192	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	58623	47.110	ug/L	100
46) Tetrachloroethene	9.274	164	49488	57.292	ug/L	100
48) 2-Hexanone	9.433	43	143420	83.697	ug/L	100
49) Dibromochloromethane	9.524	129	68865	51.098	ug/L	100
50) 1,2-Dibromoethane	9.610	107	63713	47.666	ug/L	100
51) Chlorobenzene	10.079	112	162161	48.532	ug/L	100
52) Ethylbenzene	10.195	91	264890	43.657	ug/L	100
53) m,p-Xylene	10.305	106	106069	47.144	ug/L	100
54) o-Xylene	10.646	106	107417	49.640	ug/L	100
55) Styrene	10.658	104	179603	48.153	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	90685	39.579	ug/L	100
59) Bromoform	10.799	173	52902	54.772	ug/L	100
60) Isopropylbenzene	10.963	105	273788	42.416	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	72916	38.428	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	228945	41.708	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	231361	43.203	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	126119	50.573	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	126031	49.639	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	127365	49.883	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	20307	36.074	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	91681	52.837	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	79509	55.246	ug/L	100
71) Naphthalene	13.780	128	283600	56.115	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	82264	58.391	ug/L	100

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

