

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026097.D
 Acq On : 28 Dec 2021 14:42
 Operator : JC/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010661

Quant Time: Dec 29 03:37:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 03:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	224005	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	17381	10.694	ug/L	0.00
7) Chloroethane-d5	1.672	69	13072	10.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	31848	10.024	ug/L	0.00
21) 2-Butanone-d5	4.465	46	23402	17.281	ug/L	0.00
24) Chloroform-d	5.062	84	29007	9.181	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	19131	9.033	ug/L	0.00
32) Benzene-d6	5.983	84	55744	9.736	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	17126	9.641	ug/L	0.00
41) Toluene-d8	8.653	98	50827	9.553	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	8206	10.414	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	15939	17.716	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23154	9.011	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	17537	9.993	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	22678	10.078	ug/L	99
3) Chloromethane	1.294	50	19879	9.697	ug/L	100
5) Vinyl chloride	1.380	62	20044	9.765	ug/L	99
6) Bromomethane	1.618	94	11611	10.023	ug/L	97
8) Chloroethane	1.691	64	11517	9.336	ug/L	99
9) Trichlorofluoromethane	1.892	101	29876	9.596	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	15478	9.644	ug/L	98
12) 1,1-Dichloroethene	2.325	96	13825	9.239	ug/L	94
13) Acetone	2.386	43	25242	30.038	ug/L	100
14) Carbon disulfide	2.520	76	43500	10.283	ug/L	98
15) Methyl Acetate	2.709	43	18558	9.084	ug/L	100
16) Methylene chloride	2.794	84	16233	9.408	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	15318	9.669	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	46747	9.116	ug/L	99
19) 1,1-Dichloroethane	3.617	63	27114	9.080	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	16105	9.114	ug/L	97
22) 2-Butanone	4.568	43	30489	21.108	ug/L	98
23) Bromochloromethane	4.910	128	8282	9.428	ug/L	98
25) Chloroform	5.099	83	27419	8.822	ug/L	91
27) 1,2-Dichloroethane	6.098	62	22368	8.763	ug/L #	93
29) Cyclohexane	5.477	56	25556	9.768	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	24723	10.169	ug/L	99
31) Carbon tetrachloride	5.684	117	22590	10.620	ug/L	98
33) Benzene	6.044	78	60528	9.674	ug/L	100
34) Trichloroethene	7.129	95	15675	9.697	ug/L	95
35) Methylcyclohexane	7.385	83	24475	9.639	ug/L	99
37) 1,2-Dichloropropane	7.434	63	15971	10.078	ug/L #	95
38) Bromodichloromethane	7.824	83	21153	10.047	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	22495	9.715	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	49294	18.620	ug/L	99
42) Toluene	8.720	91	64090	9.650	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	21241	9.695	ug/L	96

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45) 1,1,2-Trichloroethane	9.153	97	14643	9.551	ug/L	96
46) Tetrachloroethene	9.275	164	11737	9.575	ug/L	93
48) 2-Hexanone	9.433	43	40550	19.715	ug/L	97
49) Dibromochloromethane	9.525	129	16313	10.112	ug/L	98
50) 1,2-Dibromoethane	9.610	107	15306	9.341	ug/L	98
51) Chlorobenzene	10.079	112	39811	9.525	ug/L	99
52) Ethylbenzene	10.195	91	66706	9.303	ug/L	100
53) m,p-Xylene	10.305	106	25428	9.272	ug/L	94
54) o-Xylene	10.640	106	24620	9.079	ug/L	97
55) Styrene	10.659	104	40949	8.938	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	23580	9.269	ug/L	95
59) Bromoform	10.799	173	11464	11.434	ug/L	98
60) Isopropylbenzene	10.963	105	64947	10.125	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	18255	9.864	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	52688	9.816	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	53839	10.052	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	28120	9.876	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	28849	10.035	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	28738	10.193	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	5273	10.528	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	18833	9.846	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	16141	9.434	ug/L	97
71) Naphthalene	13.780	128	62074	9.626	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	16614	9.476	ug/L	99

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

