

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030114.D
 Acq On : 19 Jul 2022 13:18
 Operator : JC/MD
 Sample : VSTD20076
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200676

Quant Time: Jul 20 07:34:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	299541	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150155	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	441774	189.080	ug/L	0.00
7) Chloroethane-d5	1.654	69	233500	144.417	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	880393	194.807	ug/L	0.00
21) 2-Butanone-d5	4.465	46	921519	400.977	ug/L	0.00
24) Chloroform-d	5.062	84	931796	196.432	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	572878	193.045	ug/L	0.00
32) Benzene-d6	5.977	84	1978263	190.688	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	635857	191.128	ug/L	0.00
41) Toluene-d8	8.653	98	1793876	189.511	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	304139	215.266	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	672757	403.255	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	851117	191.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	650584	186.911	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	491725	196.033	ug/L	98
3) Chloromethane	1.288	50	432575	192.937	ug/L	98
5) Vinyl chloride	1.374	62	462533	197.914	ug/L	96
6) Bromomethane	1.605	94	200123	189.833	ug/L	100
8) Chloroethane	1.672	64	249449	193.424	ug/L	96
9) Trichlorofluoromethane	1.880	101	603226	199.389	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	422654	197.616	ug/L	99
12) 1,1-Dichloroethene	2.313	96	409528	198.603	ug/L	97
13) Acetone	2.392	43	496159	387.887	ug/L	99
14) Carbon disulfide	2.508	76	1186086	204.384	ug/L	100
15) Methyl Acetate	2.709	43	586890	201.451	ug/L	100
16) Methylene chloride	2.788	84	476400	191.386	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	449424	204.813	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	1393472	206.135	ug/L	99
19) 1,1-Dichloroethane	3.611	63	818448	204.052	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	516103	202.569	ug/L	96
22) 2-Butanone	4.568	43	890144	407.008	ug/L	99
23) Bromochloromethane	4.904	128	249645	196.897	ug/L	96
25) Chloroform	5.099	83	837146	201.079	ug/L	98
27) 1,2-Dichloroethane	6.092	62	647190	206.977	ug/L	98
29) Cyclohexane	5.471	56	796170	205.942	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	704531	203.173	ug/L	99
31) Carbon tetrachloride	5.684	117	593958	207.937	ug/L	99
33) Benzene	6.044	78	1956539	199.373	ug/L	100
34) Trichloroethene	7.129	95	528291	200.991	ug/L	97
35) Methylcyclohexane	7.385	83	822403	207.981	ug/L	100
37) 1,2-Dichloropropane	7.434	63	510408	201.021	ug/L	99
38) Bromodichloromethane	7.824	83	641464	204.128	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	788419	214.743	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1728760	413.785	ug/L	99
42) Toluene	8.720	91	2059017	202.071	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	763579	222.081	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	494996	201.391	ug/L	99
46) Tetrachloroethene	9.275	164	355649	195.312	ug/L	95
48) 2-Hexanone	9.439	43	1370723	408.561	ug/L	99
49) Dibromochloromethane	9.525	129	525685	213.747	ug/L	99
50) 1,2-Dibromoethane	9.616	107	535011	204.982	ug/L	99
51) Chlorobenzene	10.079	112	1289268	201.374	ug/L	97
52) Ethylbenzene	10.195	91	2248599	207.039	ug/L	100
53) m,p-Xylene	10.305	106	873677	206.366	ug/L	98
54) o-Xylene	10.646	106	846854	205.990	ug/L	100
55) Styrene	10.659	104	1491315	210.568	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	776326	200.147	ug/L	100
59) Bromoform	10.805	173	375657	214.195	ug/L	99
60) Isopropylbenzene	10.963	105	2235260	203.102	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	642880	193.010	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1869815	205.606	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	1900365	209.581	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	982281	202.911	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	989078	203.230	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	966100	196.177	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	224038	223.969	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	673252	205.972	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	621676	216.688	ug/L	99
71) Naphthalene	13.780	128	2547439	217.038	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	638347	209.424	ug/L	99

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

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