

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033563.D
 Acq On : 27 Dec 2022 14:02
 Operator : JC/MD
 Sample : VSTD01008
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010608

Quant Time: Dec 28 01:47:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:46:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	184646	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	162959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81831	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	9055	10.016	ug/L	0.00
7) Chloroethane-d5	1.672	69	7436	8.733	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	16289	8.558	ug/L	0.00
21) 2-Butanone-d5	4.465	46	13049	19.347	ug/L	0.00
24) Chloroform-d	5.062	84	24104	10.026	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	15481	10.239	ug/L	0.00
32) Benzene-d6	5.976	84	45391	10.204	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	13332	10.153	ug/L	0.00
41) Toluene-d8	8.653	98	44452	10.118	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5955	9.255	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	9329	18.641	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17915	9.861	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	15529	9.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13154	10.217	ug/L	100
3) Chloromethane	1.294	50	9945	10.293	ug/L	97
5) Vinyl chloride	1.374	62	10254	9.643	ug/L	98
6) Bromomethane	1.617	94	6422	9.610	ug/L	99
8) Chloroethane	1.691	64	6671	9.069	ug/L	98
9) Trichlorofluoromethane	1.892	101	17063	10.612	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9081	8.665	ug/L	94
12) 1,1-Dichloroethene	2.325	96	8562	8.969	ug/L #	77
13) Acetone	2.392	43	8244	16.913	ug/L	99
14) Carbon disulfide	2.514	76	32142	10.845	ug/L	99
15) Methyl Acetate	2.709	43	9410	10.530	ug/L	98
16) Methylene chloride	2.788	84	11017	10.562	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	11221	10.403	ug/L	86
18) Methyl tert-butyl Ether	3.111	73	33543	10.501	ug/L	98
19) 1,1-Dichloroethane	3.611	63	19701	10.195	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	12660	10.094	ug/L	97
22) 2-Butanone	4.574	43	14758	19.975	ug/L	96
23) Bromochloromethane	4.903	128	6805	10.274	ug/L	96
25) Chloroform	5.099	83	22238	10.050	ug/L	93
27) 1,2-Dichloroethane	6.092	62	18134	10.535	ug/L	100
29) Cyclohexane	5.477	56	17460	10.021	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	20464	10.207	ug/L	99
31) Carbon tetrachloride	5.684	117	18829	10.180	ug/L	100
33) Benzene	6.044	78	46463	10.362	ug/L	100
34) Trichloroethene	7.123	95	12535	10.145	ug/L	97
35) Methylcyclohexane	7.385	83	19313	9.809	ug/L	99
37) 1,2-Dichloropropane	7.434	63	11104	10.148	ug/L	98
38) Bromodichloromethane	7.824	83	17358	10.283	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	16735	9.533	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	26134	19.648	ug/L	99
42) Toluene	8.720	91	50811	10.079	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	15977	9.420	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	11492	9.821	ug/L	96
46) Tetrachloroethene	9.275	164	10342	10.023	ug/L	94
48) 2-Hexanone	9.433	43	19912	19.400	ug/L	99
49) Dibromochloromethane	9.525	129	14455	9.968	ug/L	96
50) 1,2-Dibromoethane	9.610	107	12815	10.026	ug/L	94
51) Chlorobenzene	10.079	112	33352	10.043	ug/L	98
52) Ethylbenzene	10.195	91	54268	9.849	ug/L	100
53) m,p-Xylene	10.305	106	21349	9.781	ug/L	96
54) o-Xylene	10.640	106	20538	9.539	ug/L	98
55) Styrene	10.659	104	34051	9.456	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	17359	9.900	ug/L	98
59) Bromoform	10.799	173	10148	9.679	ug/L	100
60) Isopropylbenzene	10.963	105	54988	9.918	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	13345	10.173	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	44186	9.512	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	43954	9.615	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	24356	9.783	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	24857	9.808	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	25094	10.084	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	3875	10.349	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	16945	9.704	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	14617	9.392	ug/L	99
71) Naphthalene	13.780	128	46092	9.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	14831	9.509	ug/L	95

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

