

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033564.D
 Acq On : 27 Dec 2022 14:25
 Operator : JC/MD
 Sample : VSTD05009
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050609

Quant Time: Dec 28 01:48:10 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	200821	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	180390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48051	48.872	ug/L	0.00
7) Chloroethane-d5	1.672	69	44495	48.049	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	120776	58.344	ug/L	0.00
21) 2-Butanone-d5	4.465	46	73862	100.689	ug/L	0.00
24) Chloroform-d	5.056	84	130307	49.834	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	81752	49.717	ug/L	0.00
32) Benzene-d6	5.977	84	247488	50.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	72704	50.020	ug/L	0.00
41) Toluene-d8	8.647	98	241562	49.671	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	36797	51.661	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	58467	105.541	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102022	50.728	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	94122	50.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70018	50.004	ug/L	100
3) Chloromethane	1.294	50	52303	49.773	ug/L	100
5) Vinyl chloride	1.374	62	57636	49.837	ug/L	100
6) Bromomethane	1.618	94	35823	49.288	ug/L	100
8) Chloroethane	1.691	64	39367	49.209	ug/L	100
9) Trichlorofluoromethane	1.892	101	88038	50.342	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	67151	58.914	ug/L	100
12) 1,1-Dichloroethene	2.319	96	60299	58.078	ug/L	100
13) Acetone	2.392	43	61925	116.808	ug/L	100
14) Carbon disulfide	2.514	76	163487	50.717	ug/L	100
15) Methyl Acetate	2.709	43	51348	52.830	ug/L	100
16) Methylene chloride	2.788	84	59140	52.133	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	61511	52.435	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	186481	53.676	ug/L	100
19) 1,1-Dichloroethane	3.611	63	106126	50.497	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	69391	50.870	ug/L	100
22) 2-Butanone	4.562	43	82951	103.233	ug/L	100
23) Bromochloromethane	4.904	128	37112	51.515	ug/L	100
25) Chloroform	5.093	83	121551	50.507	ug/L	100
27) 1,2-Dichloroethane	6.086	62	95005	50.749	ug/L	100
29) Cyclohexane	5.477	56	100081	51.891	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	114871	51.757	ug/L	100
31) Carbon tetrachloride	5.684	117	106029	51.784	ug/L	100
33) Benzene	6.044	78	254733	51.318	ug/L	100
34) Trichloroethene	7.123	95	70464	51.516	ug/L	100
35) Methylcyclohexane	7.385	83	112148	51.457	ug/L	100
37) 1,2-Dichloropropane	7.434	63	61231	50.553	ug/L	100
38) Bromodichloromethane	7.824	83	95351	51.026	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	101898	52.438	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	156299	106.154	ug/L	100
42) Toluene	8.720	91	288342	51.671	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	99696	53.102	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	66704	51.494	ug/L	100
46) Tetrachloroethene	9.275	164	58756	51.439	ug/L	100
48) 2-Hexanone	9.427	43	122150	107.511	ug/L	100
49) Dibromochloromethane	9.519	129	83564	52.056	ug/L	100
50) 1,2-Dibromoethane	9.610	107	72555	51.277	ug/L	100
51) Chlorobenzene	10.079	112	188536	51.288	ug/L	100
52) Ethylbenzene	10.195	91	320388	52.530	ug/L	100
53) m,p-Xylene	10.299	106	126278	52.263	ug/L	100
54) o-Xylene	10.640	106	125490	52.651	ug/L	100
55) Styrene	10.653	104	213996	53.686	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	100406	51.728	ug/L	100
59) Bromoform	10.799	173	61674	50.767	ug/L	100
60) Isopropylbenzene	10.963	105	333041	51.842	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	77745	51.146	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	280987	52.200	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	279030	52.679	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	147675	51.191	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	148349	50.516	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	145515	50.463	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	21841	50.341	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	103868	51.335	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	90825	50.365	ug/L	100
71) Naphthalene	13.774	128	303177	52.769	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	92413	51.137	ug/L	100

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

