

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033542.D
 Acq On : 22 Dec 2022 14:04
 Operator : JC/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

Quant Time: Dec 23 04:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	244955	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64704	49.656	ug/L	0.00
7) Chloroethane-d5	1.672	69	48167	47.265	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	101734	48.901	ug/L	0.00
21) 2-Butanone-d5	4.465	46	96429	101.876	ug/L	0.00
24) Chloroform-d	5.056	84	161600	50.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	98304	49.080	ug/L	0.00
32) Benzene-d6	5.976	84	311057	49.249	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	91367	49.514	ug/L	0.00
41) Toluene-d8	8.647	98	302742	49.386	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	44870	50.299	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	77679	102.687	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127013	50.198	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	116984	49.261	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29959	50.673	ug/L	100
3) Chloromethane	1.294	50	36703	49.445	ug/L	100
5) Vinyl chloride	1.374	62	49353	50.315	ug/L	100
6) Bromomethane	1.618	94	28272	48.450	ug/L	100
8) Chloroethane	1.691	64	32090	49.175	ug/L	100
9) Trichlorofluoromethane	1.892	101	81548	50.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	49223	47.657	ug/L	100
12) 1,1-Dichloroethene	2.319	96	45224	48.693	ug/L	100
13) Acetone	2.392	43	63678	104.734	ug/L	100
14) Carbon disulfide	2.514	76	160216	56.690	ug/L	100
15) Methyl Acetate	2.709	43	61615	50.686	ug/L	100
16) Methylene chloride	2.788	84	68825	49.501	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	69180	50.287	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	220075	50.474	ug/L	100
19) 1,1-Dichloroethane	3.611	63	121527	50.897	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	80206	49.744	ug/L	100
22) 2-Butanone	4.568	43	99565	99.431	ug/L	100
23) Bromochloromethane	4.904	128	43479	50.376	ug/L	100
25) Chloroform	5.093	83	140952	50.803	ug/L	100
27) 1,2-Dichloroethane	6.086	62	106757	50.443	ug/L	100
29) Cyclohexane	5.471	56	109357	50.596	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	127936	49.743	ug/L	100
31) Carbon tetrachloride	5.678	117	112720	49.384	ug/L	100
33) Benzene	6.037	78	293956	50.014	ug/L	100
34) Trichloroethene	7.129	95	81352	49.638	ug/L	100
35) Methylcyclohexane	7.379	83	121764	50.695	ug/L	100
37) 1,2-Dichloropropane	7.427	63	72051	49.712	ug/L	100
38) Bromodichloromethane	7.824	83	106338	49.716	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	120619	51.220	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	183652	102.315	ug/L	100
42) Toluene	8.720	91	332427	50.042	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	112793	51.014	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	78168	49.823	ug/L	100
46) Tetrachloroethene	9.275	164	68832	49.762	ug/L	100
48) 2-Hexanone	9.433	43	146694	102.897	ug/L	100
49) Dibromochloromethane	9.519	129	91105	49.725	ug/L	100
50) 1,2-Dibromoethane	9.610	107	84507	49.898	ug/L	100
51) Chlorobenzene	10.079	112	218698	49.612	ug/L	100
52) Ethylbenzene	10.195	91	369172	50.727	ug/L	100
53) m,p-Xylene	10.299	106	147202	50.712	ug/L	100
54) o-Xylene	10.640	106	142619	50.237	ug/L	100
55) Styrene	10.652	104	245014	51.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	117034	51.014	ug/L	100
59) Bromoform	10.799	173	65232	48.934	ug/L	100
60) Isopropylbenzene	10.963	105	378769	50.037	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89048	49.385	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	324322	50.436	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	322171	50.959	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	172590	49.917	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	172822	49.413	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	170980	50.109	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	24648	50.849	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	118097	51.047	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	104956	50.086	ug/L	100
71) Naphthalene	13.774	128	353418	51.620	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	105598	50.497	ug/L	100

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

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