

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033540.D
 Acq On : 22 Dec 2022 13:18
 Operator : JC/MD
 Sample : VSTD00501
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005601

Quant Time: Dec 23 04:31:29 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	6.757	114	290142	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127500	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	7394	4.791	ug/L	0.00
7) Chloroethane-d5	1.673	69	5285	4.378	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	11861	4.813	ug/L	0.00
21) 2-Butanone-d5	4.465	46	10076	8.987	ug/L	0.00
24) Chloroform-d	5.056	84	18555	4.849	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	12304	5.186	ug/L	0.00
32) Benzene-d6	5.971	84	35545	4.861	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	10110	4.732	ug/L	0.00
41) Toluene-d8	8.647	98	34898	4.917	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	4652	4.504	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	7607	8.686	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	14173	4.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	12849	4.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3853	5.502	ug/L	99
3) Chloromethane	1.295	50	4675	5.317	ug/L	86
5) Vinyl chloride	1.374	62	6038	5.197	ug/L	91
6) Bromomethane	1.618	94	3401	4.921	ug/L	86
8) Chloroethane	1.691	64	3778	4.888	ug/L	94
9) Trichlorofluoromethane	1.892	101	10678	5.553	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	6376	5.212	ug/L	100
12) 1,1-Dichloroethene	2.319	96	5882	5.347	ug/L	89
13) Acetone	2.386	43	8144	11.309	ug/L	99
14) Carbon disulfide	2.514	76	16772	5.010	ug/L	95
15) Methyl Acetate	2.703	43	7594	5.274	ug/L	97
16) Methylene chloride	2.794	84	9276	5.633	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	8791	5.395	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	27327	5.291	ug/L	100
19) 1,1-Dichloroethane	3.611	63	15013	5.308	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	10209	5.346	ug/L	95
22) 2-Butanone	4.562	43	13276	11.193	ug/L	99
23) Bromochloromethane	4.904	128	5595	5.473	ug/L	93
25) Chloroform	5.093	83	17608	5.358	ug/L	92
27) 1,2-Dichloroethane	6.086	62	13760	5.489	ug/L	100
29) Cyclohexane	5.465	56	13582	5.428	ug/L #	93
30) 1,1,1-Trichloroethane	5.373	97	16047	5.389	ug/L	99
31) Carbon tetrachloride	5.672	117	14371	5.438	ug/L	99
33) Benzene	6.032	78	36980	5.435	ug/L	100
34) Trichloroethene	7.123	95	10330	5.444	ug/L	94
35) Methylcyclohexane	7.379	83	14775	5.313	ug/L	98
37) 1,2-Dichloropropane	7.422	63	9037	5.386	ug/L	98
38) Bromodichloromethane	7.824	83	13329	5.383	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	14235	5.221	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	22116	10.643	ug/L	98
42) Toluene	8.720	91	42097	5.474	ug/L	93
44) trans-1,3-Dichloropropene	8.976	75	12630	4.934	ug/L	91

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45) 1,1,2-Trichloroethane	9.153	97	9861	5.429	ug/L	97
46) Tetrachloroethene	9.275	164	8785	5.486	ug/L	97
48) 2-Hexanone	9.433	43	17581	10.652	ug/L	97
49) Dibromochloromethane	9.519	129	10962	5.168	ug/L	97
50) 1,2-Dibromoethane	9.610	107	10466	5.338	ug/L	96
51) Chlorobenzene	10.080	112	28058	5.498	ug/L	98
52) Ethylbenzene	10.195	91	45192	5.364	ug/L	99
53) m,p-Xylene	10.299	106	17903	5.327	ug/L	99
54) o-Xylene	10.640	106	17410	5.297	ug/L	99
55) Styrene	10.659	104	28558	5.156	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.214	83	14115	5.314	ug/L	95
59) Bromoform	10.799	173	7747	5.218	ug/L	100
60) Isopropylbenzene	10.964	105	45307	5.374	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	11122	5.538	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	37663	5.259	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	37294	5.297	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	20896	5.426	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	21215	5.446	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	20500	5.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	2768	5.127	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	13654	5.299	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	12330	5.283	ug/L	99
71) Naphthalene	13.774	128	37803	4.958	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12263	5.265	ug/L	99

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

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