

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025250.D
 Acq On : 22 Nov 2021 12:50
 Operator : JC/MD
 Sample : VSTD01038
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010638

Quant Time: Nov 23 00:58:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 00:57:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	175181	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76736	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12694	8.443	ug/L	0.00
7) Chloroethane-d5	1.666	69	10419	10.713	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	19262	6.776	ug/L	0.00
21) 2-Butanone-d5	4.459	46	18028	17.108	ug/L	0.00
24) Chloroform-d	5.056	84	21432	7.360	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	13398	7.099	ug/L	0.00
32) Benzene-d6	5.977	84	43147	8.280	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	13231	8.259	ug/L	0.00
41) Toluene-d8	8.653	98	40954	8.878	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6481	7.868	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	13898	20.152	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18706	8.264	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	15928	10.673	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	10298	6.127	ug/L	98
3) Chloromethane	1.295	50	10828	8.700	ug/L	93
5) Vinyl chloride	1.374	62	12259	8.368	ug/L	97
6) Bromomethane	1.605	94	7690	8.392	ug/L	100
8) Chloroethane	1.685	64	8486	9.883	ug/L	96
9) Trichlorofluoromethane	1.886	101	19318	7.359	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9988	7.343	ug/L	99
12) 1,1-Dichloroethene	2.319	96	9275	7.717	ug/L	92
13) Acetone	2.380	43	15087	14.973	ug/L	99
14) Carbon disulfide	2.514	76	22954	7.411	ug/L	100
15) Methyl Acetate	2.703	43	11867	8.224	ug/L #	89
16) Methylene chloride	2.788	84	11048	8.134	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	10247	8.305	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	34389	7.349	ug/L	98
19) 1,1-Dichloroethane	3.611	63	18140	7.217	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	11570	8.066	ug/L	90
22) 2-Butanone	4.562	43	19270	15.787	ug/L	100
23) Bromochloromethane	4.904	128	6328	9.177	ug/L	99
25) Chloroform	5.105	83	19632	7.117	ug/L	100
27) 1,2-Dichloroethane	6.093	62	14041	6.684	ug/L	97
29) Cyclohexane	5.477	56	16213	7.306	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	17423	6.689	ug/L	99
31) Carbon tetrachloride	5.678	117	15459	7.354	ug/L	100
33) Benzene	6.038	78	42170	7.624	ug/L	100
34) Trichloroethene	7.129	95	11197	7.739	ug/L	96
35) Methylcyclohexane	7.385	83	17214	7.860	ug/L	99
37) 1,2-Dichloropropane	7.434	63	10352	7.863	ug/L	98
38) Bromodichloromethane	7.824	83	14338	7.507	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	16576	7.682	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	33137	15.997	ug/L	99
42) Toluene	8.720	91	46480	8.404	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	15752	7.559	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	11403	9.402	ug/L	96
46) Tetrachloroethene	9.275	164	9245	10.981	ug/L	98
48) 2-Hexanone	9.433	43	26353	15.779	ug/L	98
49) Dibromochloromethane	9.519	129	12392	9.434	ug/L	98
50) 1,2-Dibromoethane	9.610	107	11666	8.954	ug/L	100
51) Chlorobenzene	10.080	112	29927	9.189	ug/L	98
52) Ethylbenzene	10.195	91	48445	8.192	ug/L	100
53) m,p-Xylene	10.305	106	19506	8.895	ug/L	96
54) o-Xylene	10.647	106	20102	9.531	ug/L	99
55) Styrene	10.659	104	31983	8.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	17055	7.637	ug/L	99
59) Bromoform	10.799	173	9151	10.190	ug/L	99
60) Isopropylbenzene	10.964	105	49971	8.327	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	13464	7.632	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	41105	8.054	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	42009	8.437	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	22244	9.594	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	22913	9.706	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	23023	9.698	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	3574	6.829	ug/L	87
69) 1,3,5-Trichlorobenzene	13.116	180	16324	10.119	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	12720	9.506	ug/L	98
71) Naphthalene	13.780	128	41839	8.904	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	13061	9.971	ug/L	96

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

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