

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025252.D
 Acq On : 22 Nov 2021 13:37
 Operator : JC/MD
 Sample : VSTD10040
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100640

Quant Time: Nov 23 00:58:56 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	173983	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	161741	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84269	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	117207	78.494	ug/L	0.00
7) Chloroethane-d5	1.654	69	96515	99.926	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	186012	65.882	ug/L	0.00
21) 2-Butanone-d5	4.458	46	176951	169.081	ug/L	0.00
24) Chloroform-d	5.062	84	208384	72.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	125395	66.896	ug/L	0.00
32) Benzene-d6	5.976	84	422097	78.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	130543	79.234	ug/L	0.00
41) Toluene-d8	8.653	98	396117	83.497	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	67340	79.492	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	139323	196.424	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	186995	80.327	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	159585	97.372	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	100148	59.992	ug/L	99
3) Chloromethane	1.294	50	100319	81.163	ug/L	98
5) Vinyl chloride	1.374	62	121584	83.562	ug/L	99
6) Bromomethane	1.599	94	48222	52.987	ug/L	98
8) Chloroethane	1.678	64	77750	91.176	ug/L	99
9) Trichlorofluoromethane	1.880	101	190573	73.098	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	99518	73.668	ug/L	99
12) 1,1-Dichloroethene	2.319	96	92400	77.412	ug/L	94
13) Acetone	2.379	43	143308	143.201	ug/L	99
14) Carbon disulfide	2.508	76	224166	72.870	ug/L	100
15) Methyl Acetate	2.703	43	114982	80.235	ug/L	# 90
16) Methylene chloride	2.788	84	104440	77.423	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	97669	79.702	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	335952	72.284	ug/L	100
19) 1,1-Dichloroethane	3.611	63	178211	71.390	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	116712	81.922	ug/L	95
22) 2-Butanone	4.562	43	191544	158.004	ug/L	100
23) Bromochloromethane	4.903	128	61398	89.653	ug/L	92
25) Chloroform	5.099	83	192368	70.220	ug/L	100
27) 1,2-Dichloroethane	6.092	62	142192	68.158	ug/L	100
29) Cyclohexane	5.470	56	160182	70.188	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	174519	65.146	ug/L	99
31) Carbon tetrachloride	5.678	117	155713	72.024	ug/L	99
33) Benzene	6.043	78	422975	74.351	ug/L	100
34) Trichloroethene	7.129	95	110730	74.415	ug/L	99
35) Methylcyclohexane	7.385	83	176937	78.549	ug/L	99
37) 1,2-Dichloropropane	7.433	63	107750	79.574	ug/L	100
38) Bromodichloromethane	7.824	83	149981	76.356	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	175550	79.104	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	341847	160.460	ug/L	100
42) Toluene	8.720	91	468054	82.281	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	172149	80.322	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	113285	90.815	ug/L	96
46) Tetrachloroethene	9.275	164	95124	109.856	ug/L	98
48) 2-Hexanone	9.433	43	280093	163.059	ug/L	99
49) Dibromochloromethane	9.525	129	133843	99.070	ug/L	97
50) 1,2-Dibromoethane	9.610	107	121870	90.954	ug/L	98
51) Chlorobenzene	10.079	112	310168	92.601	ug/L	99
52) Ethylbenzene	10.195	91	511583	84.109	ug/L	98
53) m,p-Xylene	10.305	106	206801	91.692	ug/L	97
54) o-Xylene	10.646	106	206020	94.975	ug/L	100
55) Styrene	10.658	104	350418	93.721	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	175560	76.436	ug/L	95
59) Bromoform	10.805	173	103047	104.492	ug/L	99
60) Isopropylbenzene	10.963	105	527665	80.064	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	139877	72.200	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	446687	79.699	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	451786	82.626	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	250113	98.228	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	246278	95.003	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	244004	93.598	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	39557	68.823	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	180103	101.659	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	163427	111.218	ug/L	98
71) Naphthalene	13.780	128	563747	109.250	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	164609	114.435	ug/L	100

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

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