

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026074.D
 Acq On : 27 Dec 2021 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050744

Quant Time: Dec 28 01:33:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	219530	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	87642	56.297	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 112.600%		
7) Chloroethane-d5	1.672	69	66514	53.463	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 106.920%		
11) 1,1-Dichloroethene-d2	2.312	63	164017	53.166	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.340%		
21) 2-Butanone-d5	4.458	46	139495	103.352	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.350%		
24) Chloroform-d	5.062	84	167729	53.839	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.680%		
26) 1,2-Dichloroethane-d4	5.964	65	109219	51.780	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.560%		
32) Benzene-d6	5.983	84	321940	54.635	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.280%		
36) 1,2-Dichloropropane-d6	7.312	67	100781	55.022	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.040%		
41) Toluene-d8	8.653	98	291338	52.954	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 105.900%		
43) trans-1,3-Dichloroprop...	8.951	79	44442	55.768	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 111.540%		
47) 2-Hexanone-d5	9.384	63	97754	103.409	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 103.410%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138478	51.272	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 102.540%		
66) 1,2-Dichlorobenzene-d4	12.323	152	107703	53.817	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	113101	51.547	ug/L	100
3) Chloromethane	1.294	50	103840	50.986	ug/L	97
5) Vinyl chloride	1.380	62	106234	52.555	ug/L	99
6) Bromomethane	1.617	94	56983	49.367	ug/L	100
8) Chloroethane	1.691	64	62194	50.957	ug/L	99
9) Trichlorofluoromethane	1.892	101	161133	52.678	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	84144	53.347	ug/L	95
12) 1,1-Dichloroethene	2.325	96	77868	52.783	ug/L	81
13) Acetone	2.386	43	88124	119.428	ug/L	95
14) Carbon disulfide	2.520	76	193139	47.402	ug/L	99
15) Methyl Acetate	2.709	43	98942	48.653	ug/L #	90
16) Methylene chloride	2.794	84	85443	49.815	ug/L	91
17) trans-1,2-Dichloroethene	3.099	96	81679	51.994	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	268152	52.544	ug/L	97
19) 1,1-Dichloroethane	3.617	63	152831	51.584	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	92951	53.017	ug/L	92
22) 2-Butanone	4.562	43	145341	105.788	ug/L	94
23) Bromochloromethane	4.910	128	46003	52.596	ug/L #	85
25) Chloroform	5.099	83	158211	51.182	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	127439	49.981	ug/L	97
29) Cyclohexane	5.476	56	145575	54.140	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	133985	53.749	ug/L	96
31) Carbon tetrachloride	5.684	117	113283	52.436	ug/L	99
33) Benzene	6.043	78	343716	52.874	ug/L	100
34) Trichloroethene	7.129	95	89922	54.077	ug/L	94
35) Methylcyclohexane	7.385	83	138212	52.514	ug/L	94
37) 1,2-Dichloropropane	7.433	63	88924	53.892	ug/L	97
38) Bromodichloromethane	7.824	83	110427	51.065	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	131305	55.378	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	277182	99.919	ug/L	95
42) Toluene	8.720	91	367242	53.048	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	122075	54.253	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	83849	52.610	ug/L	98
46) Tetrachloroethene	9.275	164	66231	52.209	ug/L	98
48) 2-Hexanone	9.433	43	215575	102.171	ug/L	95
49) Dibromochloromethane	9.525	129	83546	50.757	ug/L	95
50) 1,2-Dibromoethane	9.610	107	89310	52.473	ug/L	100
51) Chlorobenzene	10.079	112	227245	52.148	ug/L	97
52) Ethylbenzene	10.195	91	396256	52.776	ug/L	95
53) m,p-Xylene	10.305	106	148376	51.768	ug/L	96
54) o-Xylene	10.646	106	146516	51.608	ug/L	89
55) Styrene	10.659	104	249815	52.124	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	131995	49.284	ug/L	99
59) Bromoform	10.799	173	54580	49.901	ug/L	99
60) Isopropylbenzene	10.963	105	383502	52.706	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	106994	50.562	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	324655	53.290	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	325781	53.379	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	167919	51.722	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	168572	51.572	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	168018	52.342	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	26132	46.873	ug/L	82
69) 1,3,5-Trichlorobenzene	13.115	180	113375	52.019	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	102775	52.952	ug/L	96
71) Naphthalene	13.780	128	394306	53.740	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	103657	51.715	ug/L	98

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

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