

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026029.D
 Acq On : 24 Dec 2021 20:49
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050740

Quant Time: Dec 24 22:34:23 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	6.763	114	221243	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	212204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	73094	46.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.180%
7) Chloroethane-d5	1.666	69	58804	46.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.313	63	146326	47.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.120%
21) 2-Butanone-d5	4.459	46	125057	91.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.940%
24) Chloroform-d	5.062	84	144432	46.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.964	65	99309	46.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.977	84	292655	47.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	7.312	67	92406	48.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	8.653	98	274192	48.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	8.952	79	38521	46.633	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	9.384	63	98274	100.292	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.290%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136991	48.933	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	105147	49.098	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	110225	49.848	ug/L	99
3) Chloromethane	1.294	50	103167	50.263	ug/L	98
5) Vinyl chloride	1.374	62	103526	50.819	ug/L	99
6) Bromomethane	1.605	94	60247	51.791	ug/L	95
8) Chloroethane	1.685	64	61497	49.995	ug/L	99
9) Trichlorofluoromethane	1.892	101	157268	51.016	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	78227	49.211	ug/L	95
12) 1,1-Dichloroethene	2.325	96	75004	50.448	ug/L	91
13) Acetone	2.380	43	95234	128.064	ug/L	95
14) Carbon disulfide	2.514	76	180544	43.967	ug/L	99
15) Methyl Acetate	2.709	43	101549	49.549	ug/L #	90
16) Methylene chloride	2.794	84	84936	49.136	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	78313	49.465	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	263881	51.307	ug/L	96
19) 1,1-Dichloroethane	3.617	63	148855	49.853	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	89513	50.661	ug/L	89
22) 2-Butanone	4.556	43	152117	109.863	ug/L	96
23) Bromochloromethane	4.904	128	45072	51.133	ug/L	88
25) Chloroform	5.099	83	158131	50.760	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	126801	49.346	ug/L	99
29) Cyclohexane	5.477	56	141771	50.865	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	128341	49.669	ug/L	96
31) Carbon tetrachloride	5.684	117	108510	48.455	ug/L	99
33) Benzene	6.044	78	334870	49.696	ug/L	100
34) Trichloroethene	7.129	95	97231	56.410	ug/L	92
35) Methylcyclohexane	7.385	83	136107	49.890	ug/L	94
37) 1,2-Dichloropropane	7.434	63	86949	50.836	ug/L	98
38) Bromodichloromethane	7.824	83	106510	47.517	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	124021	50.461	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	294027	102.252	ug/L	94
42) Toluene	8.720	91	364957	50.858	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	117023	50.173	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	83897	50.783	ug/L	97
46) Tetrachloroethene	9.275	164	67611	51.417	ug/L	97
48) 2-Hexanone	9.433	43	230701	105.483	ug/L	96
49) Dibromochloromethane	9.525	129	82684	48.461	ug/L	96
50) 1,2-Dibromoethane	9.610	107	90201	51.127	ug/L	97
51) Chlorobenzene	10.079	112	229323	50.769	ug/L	95
52) Ethylbenzene	10.195	91	397487	51.072	ug/L	96
53) m,p-Xylene	10.305	106	152236	51.242	ug/L	96
54) o-Xylene	10.640	106	152415	51.793	ug/L	90
55) Styrene	10.659	104	260665	52.470	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	141974	51.140	ug/L	97
59) Bromoform	10.799	173	54564	46.619	ug/L	99
60) Isopropylbenzene	10.963	105	399886	51.358	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	112816	49.821	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	336006	51.540	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	340763	52.176	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	176346	50.760	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	174812	49.978	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	176486	51.379	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	27834	46.656	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	117141	50.227	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	105727	50.905	ug/L	98
71) Naphthalene	13.774	128	415798	52.957	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	109884	51.231	ug/L	98

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

