

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026031.D
 Acq On : 25 Dec 2021 12:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050741

Quant Time: Dec 27 05:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.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	241399	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231682	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	102119	59.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.300%			
7) Chloroethane-d5	1.666	69	75854	55.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.900%			
11) 1,1-Dichloroethene-d2	2.313	63	183314	54.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.080%			
21) 2-Butanone-d5	4.452	46	141252	95.173	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.170%			
24) Chloroform-d	5.056	84	158002	46.122	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.240%			
26) 1,2-Dichloroethane-d4	5.952	65	113819	49.072	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.140%			
32) Benzene-d6	5.970	84	346220	51.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.840%			
36) 1,2-Dichloropropane-d6	7.306	67	105571	50.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.860%			
41) Toluene-d8	8.647	98	322201	51.748	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.500%			
43) trans-1,3-Dichloroprop...	8.952	79	49483	54.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.740%			
47) 2-Hexanone-d5	9.384	63	105943	99.029	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.030%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	150587	49.267	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.540%			
66) 1,2-Dichlorobenzene-d4	12.323	152	124214	52.538	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	119092	49.361	ug/L	100
3) Chloromethane	1.294	50	111441	49.761	ug/L	99
5) Vinyl chloride	1.374	62	109169	49.114	ug/L	99
6) Bromomethane	1.605	94	66017	52.012	ug/L	96
8) Chloroethane	1.691	64	65568	48.854	ug/L	100
9) Trichlorofluoromethane	1.892	101	166104	49.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	87633	50.525	ug/L	93
12) 1,1-Dichloroethene	2.319	96	81260	50.092	ug/L #	72
13) Acetone	2.380	43	111573	137.508	ug/L	95
14) Carbon disulfide	2.514	76	217917	48.638	ug/L	99
15) Methyl Acetate	2.703	43	105137	47.016	ug/L #	90
16) Methylene chloride	2.788	84	89665	47.540	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	84924	49.162	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	277077	49.375	ug/L	97
19) 1,1-Dichloroethane	3.611	63	157428	48.322	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	96528	50.069	ug/L	93
22) 2-Butanone	4.550	43	164896	109.148	ug/L	94
23) Bromochloromethane	4.897	128	48521	50.449	ug/L #	84
25) Chloroform	5.093	83	180230	53.024	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	133687	47.682	ug/L	98
29) Cyclohexane	5.464	56	149504	49.130	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	140077	49.654	ug/L	96
31) Carbon tetrachloride	5.678	117	120801	49.408	ug/L	100
33) Benzene	6.037	78	359665	48.888	ug/L	100
34) Trichloroethene	7.123	95	93055	49.449	ug/L	93
35) Methylcyclohexane	7.379	83	150360	50.481	ug/L	95
37) 1,2-Dichloropropane	7.428	63	90515	48.472	ug/L	98
38) Bromodichloromethane	7.824	83	118329	48.351	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	140211	52.252	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	301083	95.903	ug/L	95
42) Toluene	8.720	91	389008	49.652	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	134634	52.871	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	88371	48.994	ug/L	98
46) Tetrachloroethene	9.275	164	72721	50.654	ug/L	99
48) 2-Hexanone	9.427	43	248787	104.189	ug/L	96
49) Dibromochloromethane	9.519	129	93391	50.135	ug/L	96
50) 1,2-Dibromoethane	9.610	107	95640	49.653	ug/L	97
51) Chlorobenzene	10.079	112	245632	49.808	ug/L	98
52) Ethylbenzene	10.195	91	427718	50.336	ug/L	97
53) m,p-Xylene	10.299	106	165565	51.043	ug/L	93
54) o-Xylene	10.640	106	160574	49.978	ug/L	88
55) Styrene	10.653	104	279034	51.445	ug/L	86
57) 1,1,2,2-Tetrachloroethane	11.213	83	148677	49.052	ug/L	96
59) Bromoform	10.799	173	63774	49.355	ug/L	99
60) Isopropylbenzene	10.963	105	426566	49.624	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	118737	47.497	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	363703	50.533	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	370330	51.362	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	191401	49.904	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	192176	49.767	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	188014	49.579	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	31551	47.904	ug/L	84
69) 1,3,5-Trichlorobenzene	13.116	180	135673	52.693	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	118255	51.573	ug/L	98
71) Naphthalene	13.774	128	446572	51.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	121875	51.469	ug/L	98

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

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