

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
 Data File : VX024842.D
 Acq On : 19 Oct 2021 12:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

Quant Time: Oct 20 04:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 18 01:29:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	259984	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	237094	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126342	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61387	38.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.28%		
7) Chloroethane-d5	1.666	69	50477	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.28%		
11) 1,1-Dichloroethene-d2	2.312	63	134140	42.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.88%		
21) 2-Butanone-d5	4.458	46	158979	120.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.13%		
24) Chloroform-d	5.068	84	151823	46.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.14%		
26) 1,2-Dichloroethane-d4	5.964	65	100635	43.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.30%		
32) Benzene-d6	5.983	84	269007	40.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.56%		
36) 1,2-Dichloropropane-d6	7.318	67	95641	45.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.56%		
41) Toluene-d8	8.653	98	248026	38.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.24%#		
43) trans-1,3-Dichloroprop...	8.952	79	46127	44.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.12%		
47) 2-Hexanone-d5	9.384	63	101130	103.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.12%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138263	48.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.12%		
66) 1,2-Dichlorobenzene-d4	12.323	152	106518	43.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98906	43.03	ug/L	99
3) Chloromethane	1.294	50	105246	56.09	ug/L	97
5) Vinyl chloride	1.374	62	107912	57.00	ug/L	99
6) Bromomethane	1.605	94	66936	64.07	ug/L	98
8) Chloroethane	1.691	64	56109	56.77	ug/L	96
9) Trichlorofluoromethane	1.892	101	146484	54.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86825	52.28	ug/L	96
12) 1,1-Dichloroethene	2.325	96	78176	52.35	ug/L	87
13) Acetone	2.380	43	145223	111.02	ug/L	90
14) Carbon disulfide	2.514	76	219822	50.99	ug/L	98
15) Methyl Acetate	2.709	43	113407	54.41	ug/L #	89
16) Methylene chloride	2.794	84	87921	48.94	ug/L	90
17) trans-1,2-Dichloroethene	3.099	96	80819	47.74	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	276325	49.62	ug/L	98
19) 1,1-Dichloroethane	3.617	63	163160	51.58	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	92995	48.67	ug/L	89
22) 2-Butanone	4.562	43	180849	104.44	ug/L	91
23) Bromochloromethane	4.910	128	47767	47.83	ug/L	93
25) Chloroform	5.099	83	164665	46.04	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	134700	48.54	ug/L #	94
29) Cyclohexane	5.483	56	145716	49.52	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	144779	46.57	ug/L	99
31) Carbon tetrachloride	5.684	117	125462	45.99	ug/L	99
33) Benzene	6.043	78	339811	46.38	ug/L	100
34) Trichloroethene	7.129	95	93702	46.47	ug/L	96
35) Methylcyclohexane	7.385	83	149352	46.59	ug/L	98
37) 1,2-Dichloropropane	7.434	63	93374	48.39	ug/L #	97
38) Bromodichloromethane	7.824	83	120797	49.01	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	144526	49.96	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	303125	103.24	ug/L #	90
42) Toluene	8.720	91	374372	45.78	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	139654	49.42	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	85094	45.36	ug/L	98
46) Tetrachloroethene	9.275	164	76378	48.59	ug/L	97
48) 2-Hexanone	9.433	43	255012	106.47	ug/L #	87
49) Dibromochloromethane	9.525	129	95244	48.82	ug/L	100
50) 1,2-Dibromoethane	9.616	107	94189	46.49	ug/L	100
51) Chlorobenzene	10.079	112	229906	46.65	ug/L	98
52) Ethylbenzene	10.195	91	393460	46.73	ug/L	96
53) m,p-Xylene	10.305	106	152395	46.33	ug/L	94
54) o-Xylene	10.646	106	151859	46.22	ug/L	90
55) Styrene	10.659	104	248793	45.36	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	139357	47.00	ug/L	99
59) Bromoform	10.805	173	73156	51.18	ug/L	98
60) Isopropylbenzene	10.963	105	396230	45.54	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	115197	44.42	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	328212	42.95	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	329931	44.17	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	184512	45.48	ug/L	90
65) 1,4-Dichlorobenzene	12.042	146	185188	45.69	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	184746	46.12	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	33699	48.34	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	144847	49.70	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	127864	51.85	ug/L	97
71) Naphthalene	13.780	128	409788	49.78	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	130406	51.25	ug/L	97

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

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