

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121521\
 Data File : VX025805.D
 Acq On : 15 Dec 2021 10:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050730

Quant Time: Dec 16 00:31:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 12 06:39:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	182098	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52183	41.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.980%		
7) Chloroethane-d5	1.666	69	46012	44.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.720%		
11) 1,1-Dichloroethene-d2	2.306	63	99818	50.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.760%		
21) 2-Butanone-d5	4.452	46	89473	96.718	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.720%		
24) Chloroform-d	5.056	84	116045	53.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.860%		
26) 1,2-Dichloroethane-d4	5.952	65	72551	53.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.180%		
32) Benzene-d6	5.970	84	213856	44.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.460%		
36) 1,2-Dichloropropane-d6	7.306	67	67162	44.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.740%		
41) Toluene-d8	8.647	98	199291	43.672	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.340%		
43) trans-1,3-Dichloroprop...	8.952	79	29649	39.397	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.800%		
47) 2-Hexanone-d5	9.384	63	65801	84.450	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.450%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	104352	49.328	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.660%		
66) 1,2-Dichlorobenzene-d4	12.323	152	84531	43.099	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	49384	46.214	ug/L	98
3) Chloromethane	1.294	50	51100	46.331	ug/L	99
5) Vinyl chloride	1.374	62	57886	44.956	ug/L	100
6) Bromomethane	1.599	94	38072	56.520	ug/L	97
8) Chloroethane	1.685	64	40177	46.839	ug/L	98
9) Trichlorofluoromethane	1.886	101	105979	52.744	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	58769	55.694	ug/L	92
12) 1,1-Dichloroethene	2.319	96	48454	49.552	ug/L	87
13) Acetone	2.380	43	93776	123.281	ug/L	96
14) Carbon disulfide	2.514	76	101231	42.103	ug/L	100
15) Methyl Acetate	2.703	43	65137	52.985	ug/L #	90
16) Methylene chloride	2.788	84	60367	53.376	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	53675	50.986	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	193261	54.012	ug/L	98
19) 1,1-Dichloroethane	3.605	63	108230	57.407	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	67352	54.291	ug/L	97
22) 2-Butanone	4.556	43	115244	114.558	ug/L	97
23) Bromochloromethane	4.897	128	34697	52.940	ug/L	96
25) Chloroform	5.093	83	122754	59.830	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	92125	61.735	ug/L	99
29) Cyclohexane	5.471	56	84220	45.065	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	103232	51.264	ug/L	98
31) Carbon tetrachloride	5.678	117	87823	48.839	ug/L	99
33) Benzene	6.037	78	243101	49.885	ug/L	100
34) Trichloroethene	7.123	95	64329	50.188	ug/L	96
35) Methylcyclohexane	7.379	83	93203	46.200	ug/L	98
37) 1,2-Dichloropropane	7.427	63	64049	52.399	ug/L	99
38) Bromodichloromethane	7.824	83	90679	53.271	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	97463	48.955	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	197527	101.201	ug/L	97
42) Toluene	8.720	91	273117	50.819	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	91753	47.951	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	68905	53.121	ug/L	98
46) Tetrachloroethene	9.275	164	51408	47.292	ug/L	99
48) 2-Hexanone	9.433	43	164962	105.230	ug/L	97
49) Dibromochloromethane	9.519	129	76801	51.370	ug/L	99
50) 1,2-Dibromoethane	9.610	107	70932	51.307	ug/L	98
51) Chlorobenzene	10.079	112	184693	52.098	ug/L	100
52) Ethylbenzene	10.195	91	306098	52.995	ug/L	99
53) m,p-Xylene	10.299	106	120142	51.351	ug/L	94
54) o-Xylene	10.640	106	120335	51.381	ug/L	95
55) Styrene	10.659	104	210170	54.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	108734	54.286	ug/L	97
59) Bromoform	10.799	173	52804	42.796	ug/L	98
60) Isopropylbenzene	10.963	105	324506	50.494	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	85915	50.224	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	272064	50.615	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	273306	50.324	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	150432	50.977	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	150196	50.388	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	150703	50.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	21900	46.065	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	102874	47.921	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	85475	47.368	ug/L	97
71) Naphthalene	13.774	128	296066	48.405	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	88980	48.134	ug/L	99

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

