

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025945.D
 Acq On : 21 Dec 2021 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050735

Quant Time: Dec 22 05:28:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 21 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	158478	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	162764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	54763	42.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.720%
7) Chloroethane-d5	1.666	69	49821	46.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.312	63	106539	48.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.020%
21) 2-Butanone-d5	4.452	46	86454	93.797	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.800%
24) Chloroform-d	5.056	84	116814	47.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.952	65	77727	48.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	5.970	84	221709	44.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.920%
36) 1,2-Dichloropropane-d6	7.305	67	68974	45.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.840%
41) Toluene-d8	8.647	98	212692	45.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.860%
43) trans-1,3-Dichloroprop...	8.951	79	29417	44.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.720%
47) 2-Hexanone-d5	9.384	63	62370	92.379	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.380%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	101460	47.685	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	12.323	152	83301	45.980	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71093	51.937	ug/L	99
3) Chloromethane	1.294	50	70908	50.269	ug/L	99
5) Vinyl chloride	1.374	62	75073	52.299	ug/L	100
6) Bromomethane	1.605	94	51301	50.364	ug/L	99
8) Chloroethane	1.685	64	50785	53.475	ug/L	100
9) Trichlorofluoromethane	1.886	101	123950	58.500	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	57764	55.914	ug/L	87
12) 1,1-Dichloroethene	2.319	96	51641	52.038	ug/L	75
13) Acetone	2.380	43	77370	104.925	ug/L	96
14) Carbon disulfide	2.514	76	152503	52.371	ug/L	100
15) Methyl Acetate	2.703	43	64300	48.129	ug/L #	90
16) Methylene chloride	2.794	84	62229	48.894	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	58008	49.576	ug/L	86
18) Methyl tert-butyl Ether	3.111	73	184151	49.102	ug/L	97
19) 1,1-Dichloroethane	3.611	63	109621	51.947	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	66810	50.347	ug/L	89
22) 2-Butanone	4.556	43	105074	100.441	ug/L	94
23) Bromochloromethane	4.897	128	33749	48.567	ug/L	82
25) Chloroform	5.092	83	119804	51.957	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	98148	53.103	ug/L	96
29) Cyclohexane	5.470	56	106484	55.754	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	102372	51.238	ug/L	95
31) Carbon tetrachloride	5.678	117	89322	52.477	ug/L	100
33) Benzene	6.037	78	264381	51.634	ug/L	100
34) Trichloroethene	7.123	95	69232	51.972	ug/L	90
35) Methylcyclohexane	7.379	83	114840	59.634	ug/L	97
37) 1,2-Dichloropropane	7.427	63	64786	51.032	ug/L	99
38) Bromodichloromethane	7.818	83	89669	52.170	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	97593	51.961	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	193303	99.375	ug/L	96
42) Toluene	8.720	91	292393	52.651	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	90561	51.344	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	65317	49.396	ug/L	98
46) Tetrachloroethene	9.275	164	52471	51.366	ug/L	95
48) 2-Hexanone	9.433	43	156561	98.790	ug/L	97
49) Dibromochloromethane	9.518	129	70172	50.756	ug/L	93
50) 1,2-Dibromoethane	9.610	107	70248	50.220	ug/L	99
51) Chlorobenzene	10.079	112	188313	51.944	ug/L	98
52) Ethylbenzene	10.195	91	322839	54.198	ug/L	97
53) m,p-Xylene	10.299	106	126974	53.543	ug/L	93
54) o-Xylene	10.640	106	122996	53.314	ug/L	89
55) Styrene	10.659	104	212735	54.692	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	104024	50.374	ug/L	98
59) Bromoform	10.799	173	46525	48.440	ug/L	99
60) Isopropylbenzene	10.963	105	329804	54.213	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	83032	47.945	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	277185	53.950	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	277749	53.809	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	143652	51.022	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	142945	50.709	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	144569	51.769	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	19844	49.052	ug/L	86
69) 1,3,5-Trichlorobenzene	13.115	180	97141	53.579	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	80308	53.879	ug/L	98
71) Naphthalene	13.780	128	275816	54.300	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	82218	55.088	ug/L	99

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

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