

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026046.D
 Acq On : 25 Dec 2021 20:01
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050742

Quant Time: Dec 27 05:17:28 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	6.769	114	250924	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	241131	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	102132	57.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.800%
7) Chloroethane-d5	1.666	69	76190	53.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.160%
11) 1,1-Dichloroethene-d2	2.312	63	181314	51.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.840%
21) 2-Butanone-d5	4.458	46	144523	93.681	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.680%
24) Chloroform-d	5.062	84	166402	46.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
26) 1,2-Dichloroethane-d4	5.958	65	116312	48.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
32) Benzene-d6	5.976	84	355236	51.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.360%
36) 1,2-Dichloropropane-d6	7.312	67	110092	51.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.060%
41) Toluene-d8	8.653	98	329365	50.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
43) trans-1,3-Dichloroprop...	8.951	79	46877	49.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.880%
47) 2-Hexanone-d5	9.384	63	114942	103.230	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.230%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	158259	49.748	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.500%
66) 1,2-Dichlorobenzene-d4	12.323	152	123860	51.755	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	108678	43.334	ug/L	100
3) Chloromethane	1.294	50	110549	47.489	ug/L	99
5) Vinyl chloride	1.374	62	109759	47.505	ug/L	99
6) Bromomethane	1.605	94	62722	47.540	ug/L	98
8) Chloroethane	1.685	64	63770	45.711	ug/L	99
9) Trichlorofluoromethane	1.892	101	156922	44.882	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	78759	43.685	ug/L	95
12) 1,1-Dichloroethene	2.325	96	78835	46.752	ug/L	92
13) Acetone	2.386	43	98930	117.298	ug/L	95
14) Carbon disulfide	2.514	76	180923	38.848	ug/L	99
15) Methyl Acetate	2.709	43	111065	47.782	ug/L #	90
16) Methylene chloride	2.794	84	90996	46.415	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	82628	46.017	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	283685	48.633	ug/L	97
19) 1,1-Dichloroethane	3.617	63	160094	47.275	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	95325	47.568	ug/L	88
22) 2-Butanone	4.562	43	163399	104.052	ug/L	96
23) Bromochloromethane	4.903	128	48744	48.757	ug/L	88
25) Chloroform	5.099	83	173342	49.061	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	134582	46.179	ug/L	96
29) Cyclohexane	5.476	56	140101	44.236	ug/L	92
30) 1,1,1-Trichloroethane	5.391	97	134583	45.837	ug/L	96
31) Carbon tetrachloride	5.684	117	110784	43.536	ug/L	99
33) Benzene	6.043	78	359254	46.919	ug/L	100
34) Trichloroethene	7.129	95	91550	46.743	ug/L	94
35) Methylcyclohexane	7.385	83	131587	42.447	ug/L	95
37) 1,2-Dichloropropane	7.433	63	93403	48.058	ug/L	97
38) Bromodichloromethane	7.824	83	109844	43.125	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	133177	47.686	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	321108	98.274	ug/L	95
42) Toluene	8.720	91	387606	47.535	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	127927	48.269	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	90991	48.470	ug/L	98
46) Tetrachloroethene	9.275	164	69321	46.393	ug/L	96
48) 2-Hexanone	9.433	43	249171	100.261	ug/L	98
49) Dibromochloromethane	9.525	129	85691	44.198	ug/L	97
50) 1,2-Dibromoethane	9.610	107	96862	48.316	ug/L	99
51) Chlorobenzene	10.079	112	245634	47.856	ug/L	96
52) Ethylbenzene	10.195	91	423370	47.872	ug/L	95
53) m,p-Xylene	10.305	106	169004	50.061	ug/L	98
54) o-Xylene	10.646	106	161092	48.174	ug/L	91
55) Styrene	10.659	104	275817	48.859	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	151590	48.053	ug/L	96
59) Bromoform	10.799	173	56008	42.821	ug/L	99
60) Isopropylbenzene	10.963	105	417401	47.971	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	123532	48.818	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	357194	49.029	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	363568	49.815	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	187364	48.261	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	183627	46.978	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	188468	49.098	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	30545	45.816	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.115	180	125071	47.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	113446	48.878	ug/L	97
71) Naphthalene	13.780	128	454913	51.847	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	118218	49.321	ug/L	98

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

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