

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029500.D
 Acq On : 15 Jun 2022 04:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

Quant Time: Jun 15 07:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	397970	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	363918	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	190039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	128890	41.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.660%
7) Chloroethane-d5	1.666	69	96703	50.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.306	63	242742	43.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.440%
21) 2-Butanone-d5	4.459	46	205599	88.004	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.000%
24) Chloroform-d	5.062	84	257145	43.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	5.958	65	158085	41.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.120%
32) Benzene-d6	5.977	84	515287	45.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
36) 1,2-Dichloropropane-d6	7.312	67	151238	45.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	8.653	98	479138	44.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.420%
43) trans-1,3-Dichloroprop...	8.952	79	59227	36.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.160%
47) 2-Hexanone-d5	9.384	63	163442	90.761	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	218717	44.801	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	179724	45.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	176254	46.158	ug/L	99
3) Chloromethane	1.288	50	161878	45.202	ug/L	98
5) Vinyl chloride	1.374	62	161097	46.473	ug/L	100
6) Bromomethane	1.611	94	72611	44.643	ug/L	100
8) Chloroethane	1.685	64	97001	54.573	ug/L	96
9) Trichlorofluoromethane	1.886	101	221553	44.698	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	133546	45.759	ug/L	99
12) 1,1-Dichloroethene	2.319	96	128150	47.491	ug/L	85
13) Acetone	2.386	43	140811	90.432	ug/L	95
14) Carbon disulfide	2.514	76	270964	36.617	ug/L	100
15) Methyl Acetate	2.709	43	158376	51.273	ug/L	93
16) Methylene chloride	2.788	84	145621	48.696	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	136684	47.297	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	464068	47.941	ug/L	97
19) 1,1-Dichloroethane	3.611	63	247673	48.519	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	157962	48.361	ug/L	96
22) 2-Butanone	4.562	43	234725	100.139	ug/L	95
23) Bromochloromethane	4.904	128	78218	48.384	ug/L	94
25) Chloroform	5.099	83	269843	47.804	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	206238	47.819	ug/L	99
29) Cyclohexane	5.477	56	229501	47.247	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	226522	44.882	ug/L	98
31) Carbon tetrachloride	5.684	117	171550	42.344	ug/L	100
33) Benzene	6.044	78	588165	49.424	ug/L	100
34) Trichloroethene	7.129	95	160111	38.175	ug/L	97
35) Methylcyclohexane	7.385	83	241708	45.649	ug/L	98
37) 1,2-Dichloropropane	7.434	63	145321	50.089	ug/L	100
38) Bromodichloromethane	7.824	83	179863	43.555	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	194885	42.029	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	438380	101.085	ug/L	93
42) Toluene	8.720	91	634048	48.894	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	176921	40.676	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	149605	48.820	ug/L	99
46) Tetrachloroethene	9.275	164	111488	46.308	ug/L	96
48) 2-Hexanone	9.433	43	345494	102.847	ug/L	94
49) Dibromochloromethane	9.525	129	131859	41.270	ug/L	99
50) 1,2-Dibromoethane	9.610	107	156454	47.841	ug/L	95
51) Chlorobenzene	10.079	112	402425	48.886	ug/L	97
52) Ethylbenzene	10.195	91	692793	48.815	ug/L	99
53) m,p-Xylene	10.305	106	271797	48.788	ug/L	95
54) o-Xylene	10.646	106	270999	49.322	ug/L	99
55) Styrene	10.659	104	459521	49.746	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	237091	49.925	ug/L	100
59) Bromoform	10.805	173	80436	38.013	ug/L	98
60) Isopropylbenzene	10.963	105	702116	47.302	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	192111	48.333	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	603057	47.571	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	603177	47.921	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	296317	48.189	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	296269	47.729	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	297711	48.003	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	45070	41.228	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	198401	47.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	180121	47.530	ug/L	97
71) Naphthalene	13.774	128	707977	50.726	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	183705	47.986	ug/L	99

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

