

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024663.D
 Acq On : 07 Oct 2021 22:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050688

Quant Time: Oct 07 23:13:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	293690	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266104	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134641	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	85617	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.16%
7) Chloroethane-d5	1.660	69	64619	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.96%
11) 1,1-Dichloroethene-d2	2.306	63	166871	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
21) 2-Butanone-d5	4.465	46	171491	114.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.71%
24) Chloroform-d	5.068	84	195895	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.38%
26) 1,2-Dichloroethane-d4	5.964	65	129148	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
32) Benzene-d6	5.983	84	395182	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
36) 1,2-Dichloropropane-d6	7.312	67	119941	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	8.653	98	366360	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloroprop...	8.952	79	59709	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.80%
47) 2-Hexanone-d5	9.390	63	123382	112.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.10%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	174671	54.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.18%
66) 1,2-Dichlorobenzene-d4	12.323	152	149014	56.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.12%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117289	45.18	ug/L	100
3) Chloromethane	1.294	50	100700	47.51	ug/L	98
5) Vinyl chloride	1.374	62	100319	46.91	ug/L	99
6) Bromomethane	1.599	94	58818	49.84	ug/L	97
8) Chloroethane	1.685	64	56795	50.87	ug/L	95
9) Trichlorofluoromethane	1.886	101	150979	50.09	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86883	46.31	ug/L	96
12) 1,1-Dichloroethene	2.319	96	80410	47.67	ug/L	90
13) Acetone	2.386	43	99197	67.13	ug/L	92
14) Carbon disulfide	2.514	76	210003	43.12	ug/L	99
15) Methyl Acetate	2.709	43	108251	45.98	ug/L	94
16) Methylene chloride	2.794	84	92413	45.53	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	87983	46.00	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	305453	48.56	ug/L	97
19) 1,1-Dichloroethane	3.617	63	172959	48.40	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	109720	50.83	ug/L	95
22) 2-Butanone	4.568	43	170676	87.25	ug/L	95
23) Bromochloromethane	4.904	128	57942	51.37	ug/L	94
25) Chloroform	5.105	83	189755	46.96	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	141914	45.27	ug/L	97
29) Cyclohexane	5.477	56	162171	49.10	ug/L	99
30) 1,1,1-Trichloroethane	5.397	97	166603	47.74	ug/L	97
31) Carbon tetrachloride	5.684	117	144535	47.21	ug/L	100
33) Benzene	6.050	78	406205	49.40	ug/L	100
34) Trichloroethene	7.129	95	109182	48.24	ug/L	97
35) Methylcyclohexane	7.385	83	165007	45.86	ug/L	98
37) 1,2-Dichloropropane	7.434	63	102292	47.24	ug/L	99
38) Bromodichloromethane	7.830	83	127370	46.04	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	151558	46.68	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	323347	98.12	ug/L	96
42) Toluene	8.720	91	428252	46.66	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	152168	47.98	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	104770	49.76	ug/L	96
46) Tetrachloroethene	9.281	164	85376	48.39	ug/L	97
48) 2-Hexanone	9.433	43	258459	96.15	ug/L	92
49) Dibromochloromethane	9.525	129	104674	47.80	ug/L	97
50) 1,2-Dibromoethane	9.616	107	113027	49.70	ug/L	97
51) Chlorobenzene	10.086	112	284010	51.34	ug/L	96
52) Ethylbenzene	10.195	91	483564	51.17	ug/L	97
53) m,p-Xylene	10.305	106	192563	52.16	ug/L	99
54) o-Xylene	10.646	106	188729	51.18	ug/L	93
55) Styrene	10.659	104	317405	51.56	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	163612	49.16	ug/L	98
59) Bromoform	10.805	173	72919	47.87	ug/L	97
60) Isopropylbenzene	10.963	105	491477	53.01	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	138759	50.21	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	423863	52.05	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	426810	53.61	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	213486	49.37	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	222602	51.54	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	226310	53.01	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	38565	51.91	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	158255	50.96	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	144811	55.11	ug/L	97
71) Naphthalene	13.780	128	542204	61.81	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	147774	54.50	ug/L	98

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

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