

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101221\
 Data File : VW022758.D
 Acq On : 12 Oct 2021 18:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050361

Manual Integrations
 APPROVED

apatel
 10/13/2021 8:23:39 AM

Quant Time: Oct 13 01:19:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 01:15:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	222178	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	217118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	127242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57227	41.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.300%
7) Chloroethane-d5	1.568	69	47864	44.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.620%
11) 1,1-Dichloroethene-d2	2.111	63	124163	45.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.660%
21) 2-Butanone-d5	3.886	46	91910	121.516	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.520%
24) Chloroform-d	4.352	84	118529	47.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
26) 1,2-Dichloroethane-d4	5.034	65	70549	48.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
32) Benzene-d6	5.053	84	228304	45.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.780%
36) 1,2-Dichloropropane-d6	6.072	67	70234	45.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.720%
41) Toluene-d8	7.317	98	219221	47.514	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
43) trans-1,3-Dichloroprop...	7.622	79	33967	46.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.720%
47) 2-Hexanone-d5	8.091	63	60755	94.715	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.710%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	104505	48.535	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	11.625	152	94151	45.374	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	88964	40.038	ug/L	98
3) Chloromethane	1.240	50	95679	43.303	ug/L	100
5) Vinyl chloride	1.310	62	98572	47.065	ug/L	99
6) Bromomethane	1.523	94	64829	44.333	ug/L	99
8) Chloroethane	1.584	64	59760	46.785	ug/L	100
9) Trichlorofluoromethane	1.751	101	147146	51.153	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	90226	55.409	ug/L	99
12) 1,1-Dichloroethene	2.117	96	82945	53.444	ug/L	95
13) Acetone	2.175	43	122391m	128.098	ug/L	
14) Carbon disulfide	2.294	76	214001	45.647	ug/L	100
15) Methyl Acetate	2.432	43	100998	57.946	ug/L	99
16) Methylene chloride	2.506	84	101504	52.055	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	88402	51.889	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	269636	51.263	ug/L	99
19) 1,1-Dichloroethane	3.191	63	158721	52.652	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	93907	51.739	ug/L	98
22) 2-Butanone	3.966	43	144169	114.598	ug/L	86
23) Bromochloromethane	4.249	128	53786	53.940	ug/L	98
25) Chloroform	4.378	83	168159	55.435	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	121396	55.266	ug/L	98
29) Cyclohexane	4.680	56	125876	49.740	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	145951	53.812	ug/L	99
31) Carbon tetrachloride	4.831	117	129590	54.388	ug/L	98
33) Benzene	5.101	78	357122	53.271	ug/L	100
34) Trichloroethene	5.915	95	96671	55.229	ug/L	99
35) Methylcyclohexane	6.133	83	134574	50.704	ug/L	96
37) 1,2-Dichloropropane	6.175	63	93097	54.239	ug/L	100
38) Bromodichloromethane	6.509	83	121257	54.387	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	137250	53.170	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	258983	107.385	ug/L	99
42) Toluene	7.390	91	383162	54.258	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	133895	53.875	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	95854	53.949	ug/L	98
46) Tetrachloroethene	7.976	164	78146	53.329	ug/L	98
48) 2-Hexanone	8.140	43	209560	113.610	ug/L	98
49) Dibromochloromethane	8.246	129	105333	54.782	ug/L	96
50) 1,2-Dibromoethane	8.352	107	100289	52.426	ug/L	95
51) Chlorobenzene	8.882	112	252982	53.859	ug/L	100
52) Ethylbenzene	9.014	91	406685	55.334	ug/L	99
53) m,p-Xylene	9.140	106	160704	55.188	ug/L	99
54) o-Xylene	9.545	106	156504	55.165	ug/L	98
55) Styrene	9.561	104	282352	57.994	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	140986	51.340	ug/L	100
59) Bromoform	9.731	173	79557	50.565	ug/L	99
60) Isopropylbenzene	9.934	105	412813	50.992	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	119435	49.357	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	343900	50.452	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	352472	52.016	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	210464	51.243	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	216398	50.732	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	212429	50.611	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	28804	43.445	ug/L	96
69) 1,3,5-Trichlorobenzene	12.647	180	155579	50.980	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	137523	50.113	ug/L	99
71) Naphthalene	13.503	128	431163	47.714	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	146457	51.636	ug/L	99

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

