

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022498.D
 Acq On : 02 Oct 2021 05:38
 Operator : SY/MD
 Sample : M4023-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ7

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:48 PM

Quant Time: Oct 02 06:33:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	249703	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	249172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	131147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71157	46.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.160%		
7) Chloroethane-d5	1.568	69	58474	48.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.340%		
11) 1,1-Dichloroethene-d2	2.114	63	4923082	1616.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	3233.520%#		
21) 2-Butanone-d5	3.895	46	74580	87.735	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.730%		
24) Chloroform-d	4.352	84	128890	45.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
26) 1,2-Dichloroethane-d4	5.037	65	77013	47.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.100%		
32) Benzene-d6	5.059	84	259952	45.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.060%		
36) 1,2-Dichloropropane-d6	6.098	67	83631	47.062	ug/L	0.03
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.120%		
41) Toluene-d8	7.320	98	244047	46.090	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.180%		
43) trans-1,3-Dichloroprop...	7.625	79	39066	46.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.920%		
47) 2-Hexanone-d5	8.095	63	67035	91.061	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.060%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	110266	44.623	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.240%		
66) 1,2-Dichlorobenzene-d4	11.625	152	100256	46.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	15908	6.758	ug/L	96
12) 1,1-Dichloroethene	2.117	96	8259101	4735.011	ug/L #	70
16) Methylene chloride	2.503	84	3786508	1727.803	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	20524	10.719	ug/L	96
19) 1,1-Dichloroethane	3.191	63	366795	108.263	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	5520753	2706.430	ug/L	94
25) Chloroform	4.381	83	40023	11.740	ug/L	98
27) 1,2-Dichloroethane	5.140	62	34669	14.043	ug/L	96
30) 1,1,1-Trichloroethane	4.622	97	14047380	4513.027	ug/L	97
33) Benzene	5.111	78	8621	1.121	ug/L	100
34) Trichloroethene	5.934	95	56800457m	28275.848	ug/L	
40) 4-Methyl-2-pentanone	7.239	43	5533	1.999	ug/L	96
42) Toluene	7.394	91	279768	34.521	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	159725	78.333	ug/L	100
46) Tetrachloroethene	7.982	164	13713	8.154	ug/L	97
52) Ethylbenzene	9.014	91	585656	69.434	ug/L	100
53) m,p-Xylene	9.140	106	1013196	303.188	ug/L	100
54) o-Xylene	9.545	106	676608	207.813	ug/L	98
60) Isopropylbenzene	9.934	105	20490	2.456	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	10.278	75	4199	1.684	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	7649	1.095	ug/L	100

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

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