

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022499.D
 Acq On : 02 Oct 2021 06:01
 Operator : SY/MD
 Sample : M4023-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ8

Manual Integrations
 APPROVED

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10/6/2021 2:24:52 PM

Quant Time: Oct 02 06:33:45 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	242621	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	242056	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126512	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70107	46.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.440%
7) Chloroethane-d5	1.568	69	59526	50.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.940%
11) 1,1-Dichloroethene-d2	2.114	63	5169232	1747.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	3494.300%#
21) 2-Butanone-d5	3.909	46	77429	93.745	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	4.355	84	129729	47.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	5.037	65	79247	49.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	5.060	84	263604	47.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	6.095	67	84860	49.157	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	7.320	98	249441	48.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
43) trans-1,3-Dichloroprop...	7.625	79	39028	47.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
47) 2-Hexanone-d5	8.092	63	67015	93.710	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.710%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	110133	45.879	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	98268	47.631	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.260%

Target Compounds					Qvalue
5) Vinyl chloride	1.307	62	33091	14.469	ug/L 92
12) 1,1-Dichloroethene	2.118	96	8625152	5089.210	ug/L # 68
14) Carbon disulfide	2.294	76	3884	0.759	ug/L 99
16) Methylene chloride	2.507	84	4987	2.342	ug/L 97
17) trans-1,2-Dichloroethene	2.764	96	25185	13.537	ug/L 100
19) 1,1-Dichloroethane	3.191	63	543237	165.022	ug/L 98
20) cis-1,2-Dichloroethene	3.918	96	16821965	8487.321	ug/L 94
25) Chloroform	4.381	83	45743	13.809	ug/L 97
27) 1,2-Dichloroethane	5.140	62	41909	17.472	ug/L 99
30) 1,1,1-Trichloroethane	4.622	97	17152845	5672.730	ug/L 96
33) Benzene	5.114	78	8264	1.106	ug/L 100
34) Trichloroethene	5.934	95	53250247m	27287.819	ug/L
40) 4-Methyl-2-pentanone	7.240	43	7286	2.710	ug/L 97
42) Toluene	7.391	91	314363	39.930	ug/L 100
45) 1,1,2-Trichloroethane	7.841	97	174507	88.098	ug/L 99
46) Tetrachloroethene	7.979	164	12136	7.429	ug/L 92
52) Ethylbenzene	9.014	91	572339	69.850	ug/L 98
53) m,p-Xylene	9.140	106	991408	305.389	ug/L 99
54) o-Xylene	9.545	106	671884	212.429	ug/L 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	9.934	105	19170	2.382	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4331	1.800	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	6907	1.025	ug/L	98

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

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