

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044629.D
 Acq On : 14 Sep 2021 16:33
 Operator : SY/MD
 Sample : M3739-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B76

Quant Time: Sep 15 02:36:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	147453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	150099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	70606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34326	3.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.919	69	37185	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.571	65	17357	3.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.642	46	158216	43.381	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.760%
24) Chloroform-d	5.073	84	80641	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.713	65	47489	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.735	84	156862	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.697	67	55008	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.906	98	128639	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.189	79	17146	3.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.645	63	120875	42.449	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.900%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46328	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	48823	4.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1299	0.092	ug/L	97
5) Vinyl chloride	1.607	62	1038	0.072	ug/L #	1
6) Bromomethane	1.861	94	663	0.090	ug/L	91
9) Trichlorofluoromethane	2.144	101	1192	0.073	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1139	0.114	ug/L #	67
12) 1,1-Dichloroethene	2.581	96	1173	0.124	ug/L #	1
13) Acetone	2.649	43	7542	3.175	ug/L	88
14) Carbon disulfide	2.800	76	2540	0.085	ug/L #	92
15) Methyl Acetate	2.977	43	605	0.141	ug/L #	49
17) Methyl tert-butyl Ether	3.382	73	1869	0.071	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	784	0.078	ug/L	96
19) 1,1-Dichloroethane	3.877	63	1535	0.075	ug/L #	79
25) Chloroform	5.099	83	3192	0.147	ug/L	93
27) 1,2-Dichloroethane	5.806	62	1176	0.083	ug/L #	77
29) 1,1,1-Trichloroethane	5.324	97	1262	0.077	ug/L #	78
30) Cyclohexane	5.391	56	1358	0.072	ug/L #	25
33) Benzene	5.780	78	3778	0.085	ug/L	100
34) Trichloroethene	6.546	95	870	0.079	ug/L	94
35) Methylcyclohexane	6.777	83	1427	0.079	ug/L #	93

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37) 1,2-Dichloropropane	6.800	63	1055	0.088	ug/L #	88
38) Bromodichloromethane	7.115	83	1065	0.074	ug/L #	96
40) 4-Methyl-2-pentanone	7.803	43	5390	0.580	ug/L #	88
42) Toluene	7.976	91	5662	0.122	ug/L	99
48) 2-Hexanone	8.697	43	7388	1.068	ug/L	91
49) Dibromochloromethane	8.816	129	514	0.058	ug/L	80
50) 1,2-Dibromoethane	8.925	107	632	0.079	ug/L #	77
51) Chlorobenzene	9.455	112	2540	0.088	ug/L	95
52) Ethylbenzene	9.578	91	4098	0.081	ug/L	93
53) m,p-Xylene	9.703	106	1570	0.082	ug/L	93
54) o-Xylene	10.108	106	1623	0.089	ug/L	95
55) Styrene	10.121	104	2449	0.076	ug/L	98
60) Isopropylbenzene	10.491	105	3521	0.080	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	788	0.101	ug/L #	82
62) 1,3,5-Trimethylbenzene	11.095	105	3996	0.109	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	4818	0.128	ug/L	95
64) 1,3-Dichlorobenzene	11.754	146	2028	0.098	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	2626	0.124	ug/L	87
67) 1,2-Dichlorobenzene	12.221	146	2186	0.112	ug/L #	92
70) 1,2,4-trichlorobenzene	13.848	180	2182	0.165	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.336	180	1896	0.156	ug/L	97

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

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