

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059346.D
 Acq On : 19 Jun 2024 12:20
 Operator : MD/SY
 Sample : P2898-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:59:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	99016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	101307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	45691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30824	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.908	69	31911	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	12756	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.615	46	124326	87.663	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	175.320%#
24) Chloroform-d	5.055	84	68517	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	39666	5.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
32) Benzene-d6	5.721	84	132136	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	43901	5.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.894	98	106490	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.177	79	13519	5.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.628	63	84522	76.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.080%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47073	6.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.400%#
66) 1,2-Dichlorobenzene-d4	12.190	152	42035	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	45650	4.576	ug/L	96
12) 1,1-Dichloroethene	2.573	96	4763	0.678	ug/L #	1
13) Acetone	2.618	43	44710	48.599	ug/L	96
15) Methyl Acetate	2.747	43	1100062	453.119	ug/L #	51
18) trans-1,2-Dichloroethene	3.345	96	12811	1.754	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	964911	119.864	ug/L	96
27) 1,2-Dichloroethane	5.795	62	2610	0.304	ug/L #	74
30) Cyclohexane	5.374	56	714	0.069	ug/L #	30
33) Benzene	5.776	78	11022	0.358	ug/L	100
34) Trichloroethene	6.538	95	297322	35.686	ug/L	98
35) Methylcyclohexane	6.756	83	2393	0.202	ug/L	96
37) 1,2-Dichloropropane	6.685	63	4802	0.603	ug/L #	90
42) Toluene	7.968	91	21170	0.650	ug/L	100
52) Ethylbenzene	9.573	91	6385	0.191	ug/L	95
53) m,p-Xylene	9.695	106	1287	0.100	ug/L	97
61) 1,2,3-Trichloropropane	11.811	75	5190	1.229	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.467	105	2027	0.095	ug/L	93
71) Naphthalene	14.103	128	1601	0.137	ug/L #	75

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

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