

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056855.D
 Acq On : 14 Dec 2023 23:25
 Operator : MD/SY
 Sample : 05731-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y54

Quant Time: Dec 15 05:09:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	229081	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	229331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58391	2.974	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.911	69	56345	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.563	65	27182	3.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.624	46	210825	54.367	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.740%
24) Chloroform-d	5.055	84	159901	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.698	65	79719	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	279119	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.685	67	93395	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	217443	3.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.177	79	34427	3.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.631	63	158581	48.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79432	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	86565	4.539	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
5) Vinyl chloride	1.602	62	5370	0.229	ug/L #	49
18) trans-1,2-Dichloroethene	3.354	96	4981	0.264	ug/L	79
22) cis-1,2-Dichloroethene	4.660	96	160090	7.804	ug/L	98
30) Cyclohexane	5.377	56	6103	0.196	ug/L #	94
33) Benzene	5.769	78	22260	0.276	ug/L	100
34) Trichloroethene	6.538	95	20970	0.948	ug/L	93
42) Toluene	7.965	91	53178	0.638	ug/L	99
47) Tetrachloroethene	8.550	164	4872	0.315	ug/L	90
51) Chlorobenzene	9.444	112	73430	1.382	ug/L	94
53) m,p-Xylene	9.692	106	5456	0.159	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	12755	0.357	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	8675	0.263	ug/L	97

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

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