

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055969.D
 Acq On : 28 Oct 2023 13:15
 Operator : MD/SY
 Sample : 05009-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49J4

Quant Time: Oct 30 04:53:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	348320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	348668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	167335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126920	4.606	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.914	69	113143	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.566	65	59294	5.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.624	46	257190	52.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.640%
24) Chloroform-d	5.058	84	263956	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.698	65	124118	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.724	84	543906	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.685	67	163047	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.894	98	477059	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.177	79	56990	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.631	63	209381	68.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.000%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115351	5.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	171249	5.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	4362	0.230	ug/L	87
22) cis-1,2-Dichloroethene	4.663	96	2164	0.107	ug/L	86
33) Benzene	5.775	78	10742	0.140	ug/L	100
42) Toluene	7.968	91	76078	0.946	ug/L	98
52) Ethylbenzene	9.569	91	20141	0.221	ug/L	95
53) m,p-Xylene	9.692	106	23429	0.688	ug/L	96
54) o-Xylene	10.103	106	8271	0.248	ug/L	90
63) 1,2,4-Trimethylbenzene	11.470	105	17632	0.279	ug/L	99

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

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