

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056865.D
 Acq On : 15 Dec 2023 03:27
 Operator : MD/SY
 Sample : 05731-05DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y51DL

Quant Time: Dec 15 05:12:56 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	6.264	114	217588	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.418	117	215995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	54752	2.936	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.923	69	55667	3.988	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.570	65	23810	2.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	4.772	46	181430	49.258	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	5.087	84	162591	4.604	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.724	65	78375	4.689	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.743	84	285679	4.264	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.701	67	97591	4.654	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.901	98	238163	3.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.184	79	33687	4.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.647	63	139765	45.570	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78136	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	83614	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	12952	0.582	ug/L	83
21) 2-Butanone	4.833	43	394305	104.166	ug/L	99
22) cis-1,2-Dichloroethene	4.685	96	142975	7.338	ug/L	96
33) Benzene	5.791	78	56793	0.748	ug/L	100
40) 4-Methyl-2-pentanone	7.807	43	365365	39.625	ug/L	98
42) Toluene	7.975	91	166937	2.125	ug/L	100
52) Ethylbenzene	9.573	91	25630	0.296	ug/L	94
53) m,p-Xylene	9.695	106	5435	0.168	ug/L	93
63) 1,2,4-Trimethylbenzene	11.466	105	8460	0.143	ug/L	99

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

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