

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056911.D
 Acq On : 16 Dec 2023 04:31
 Operator : MD/SY
 Sample : 05771-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0YA1

Quant Time: Dec 16 05:14:05 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	217122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95438	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54727	2.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.907	69	49801	3.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.563	65	25477	3.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.621	46	217403	59.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.300%
24) Chloroform-d	5.055	84	156175	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.695	65	78389	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	267739	3.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.685	67	93381	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	206240	3.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.177	79	31000	3.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.631	63	160892	50.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80390	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	84537	4.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
3) Chloromethane	1.515	50	4336	0.194	ug/L	98
25) Chloroform	5.081	83	16284	0.452	ug/L	94
30) Cyclohexane	5.383	56	23569	0.778	ug/L	93
33) Benzene	5.769	78	79645	1.015	ug/L	100
34) Trichloroethene	6.538	95	21875	1.017	ug/L	93
35) Methylcyclohexane	6.759	83	22405	0.706	ug/L	95
38) Bromodichloromethane	7.103	83	4202	0.164	ug/L	85
42) Toluene	7.965	91	188452	2.322	ug/L	97
52) Ethylbenzene	9.566	91	49460	0.552	ug/L	98
53) m,p-Xylene	9.692	106	23122	0.693	ug/L	85
54) o-Xylene	10.100	106	10589	0.333	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	10296	0.168	ug/L	98

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

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