

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057045.D
 Acq On : 19 Dec 2023 15:34
 Operator : MD/SY
 Sample : 05771-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0YA5

Quant Time: Dec 20 04:57:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	163414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42567	3.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	40647	3.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.563	65	19362	3.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.621	46	134460	48.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.220%
24) Chloroform-d	5.055	84	111574	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.695	65	59385	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	194398	3.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.685	67	65113	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.894	98	150724	3.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.177	79	19364	3.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.400%
46) 2-Hexanone-d5	8.630	63	102016	42.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55266	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	60043	4.252	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5030	0.299	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	5484	0.375	ug/L	87
25) Chloroform	5.081	83	14392	0.531	ug/L	97
30) Cyclohexane	5.383	56	7713	0.340	ug/L #	95
33) Benzene	5.772	78	25150	0.428	ug/L	100
34) Trichloroethene	6.537	95	25293	1.568	ug/L	94
35) Methylcyclohexane	6.756	83	8090	0.340	ug/L	100
38) Bromodichloromethane	7.100	83	2526	0.132	ug/L	95
42) Toluene	7.965	91	69037	1.134	ug/L	99
47) Tetrachloroethene	8.550	164	2241	0.198	ug/L	86
52) Ethylbenzene	9.566	91	15987	0.238	ug/L	94
53) m,p-Xylene	9.688	106	8892	0.355	ug/L	95
54) o-Xylene	10.097	106	3922	0.165	ug/L	98

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

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