

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033279.D
 Acq On : 13 Dec 2023 16:23
 Operator : SY/MD
 Sample : 05731-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY51

Quant Time: Dec 13 23:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	138759	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	133835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42200	4.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.532	69	30885	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.060	65	15483	4.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.793	46	59769	56.779	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.560%
24) Chloroform-d	4.246	84	89744	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.944	65	40947	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.960	84	172234	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	5.989	67	39395	4.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.243	98	171253	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.555	79	18481	5.141	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.024	63	52008	51.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27075	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	67595	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	94768	9.462	ug/L	99
13) Acetone	2.124	43	118518	159.074	ug/L #	61
14) Carbon disulfide	2.243	76	3611	0.140	ug/L	97
16) Methylene chloride	2.449	84	2105	0.230	ug/L	90
18) trans-1,2-Dichloroethene	2.703	96	2066	0.215	ug/L	86
21) 2-Butanone	3.860	43	2410908	2221.241	ug/L	90
22) cis-1,2-Dichloroethene	3.812	96	1130418	113.754	ug/L	94
30) Cyclohexane	4.580	56	3854	0.325	ug/L #	56
33) Benzene	5.008	78	495578	13.820	ug/L	100
34) Trichloroethene	5.850	95	918	0.088	ug/L #	87
35) Methylcyclohexane	6.053	83	5324	0.344	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	1974068	773.435	ug/L	99
42) Toluene	7.313	91	1433986	34.910	ug/L	98
51) Chlorobenzene	8.815	112	40713	1.447	ug/L	98
52) Ethylbenzene	8.947	91	264370	5.745	ug/L	97
53) m,p-Xylene	9.072	106	65709	3.469	ug/L	99
54) o-Xylene	9.480	106	23111	1.288	ug/L	86
60) Isopropylbenzene	9.866	105	23417	0.470	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	21957	0.539	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.850	105	139356	3.457	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	39838	1.828	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	1635	0.105	ug/L #	79

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

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