

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031572.D
 Acq On : 16 Jun 2023 13:37
 Operator : SY/MD
 Sample : 03249-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS4DL

Quant Time: Jun 17 02:28:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223368	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	226611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	131331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49728	33.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.900%
7) Chloroethane-d5	1.536	69	49166	37.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.066	65	27747	36.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.440%
21) 2-Butanone-d5	3.799	46	99496	82.656	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.660%
24) Chloroform-d	4.259	84	144264	38.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.500%
26) 1,2-Dichloroethane-d4	4.950	65	98988	42.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.000%
32) Benzene-d6	4.970	84	252514	39.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.180%
36) 1,2-Dichloropropane-d6	5.995	67	94605	41.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.700%
41) Toluene-d8	7.249	98	215111	36.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.500%#
43) trans-1,3-Dichloroprop...	7.558	79	41783	37.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.820%
47) 2-Hexanone-d5	8.031	63	75600	84.694	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.690%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142866	41.866	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.740%
66) 1,2-Dichlorobenzene-d4	11.567	152	112289	44.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	74673	33.694	ug/L	99
8) Chloroethane	1.555	64	27172	18.983	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	2375	1.377	ug/L	94
19) 1,1-Dichloroethane	3.121	63	213088	57.228	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	87057	46.694	ug/L	97
30) 1,1,1-Trichloroethane	4.526	97	23222	6.392	ug/L	97
42) Toluene	7.330	91	15331	1.960	ug/L	95
52) Ethylbenzene	8.953	91	44182	5.062	ug/L	99
53) m,p-Xylene	9.079	106	53589	16.765	ug/L	92
54) o-Xylene	9.484	106	26810	8.838	ug/L	98
60) Isopropylbenzene	9.876	105	5126	0.612	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	42693	6.170	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	239421	37.133	ug/L	99

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

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