

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029505.D
 Acq On : 09 Dec 2022 03:59
 Operator : SY/MD
 Sample : N5928-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ65

Quant Time: Dec 09 06:29:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	506085	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	479122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	282423	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131534	42.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.880%
7) Chloroethane-d5	1.565	69	89560	37.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.105	63	154710	32.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.020%
21) 2-Butanone-d5	3.870	46	189207	100.083	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.080%
24) Chloroform-d	4.339	84	236753	40.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.024	65	145322	43.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
32) Benzene-d6	5.044	84	496141	39.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.380%
36) 1,2-Dichloropropane-d6	6.063	67	161194	41.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.360%
41) Toluene-d8	7.307	98	451704	37.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.740%#
43) trans-1,3-Dichloroprop...	7.613	79	64601	33.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.160%
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	242958	43.966	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.940%
66) 1,2-Dichlorobenzene-d4	11.612	152	220228	40.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	3436563	903.728	ug/L	97
8) Chloroethane	1.581	64	1584369	748.249	ug/L	98
12) 1,1-Dichloroethene	2.118	96	37364	13.812	ug/L #	58
13) Acetone	2.159	43	5535	4.494	ug/L	98
16) Methylene chloride	2.503	84	10998	3.270	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	108938	34.950	ug/L	94
19) 1,1-Dichloroethane	3.182	63	8412043	1575.357	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	3838001	1119.780	ug/L	95
27) 1,2-Dichloroethane	5.127	62	54072	13.827	ug/L	98
29) Cyclohexane	4.671	56	9838	1.896	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	1082574	207.389	ug/L	99
33) Benzene	5.095	78	145919	10.805	ug/L	100
34) Trichloroethene	5.908	95	66993	19.796	ug/L	98
35) Methylcyclohexane	6.121	83	15010	2.611	ug/L	94
42) Toluene	7.378	91	1002661	68.978	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	11197	3.325	ug/L	95
46) Tetrachloroethene	7.969	164	7307	2.686	ug/L	96
51) Chlorobenzene	8.876	112	28822	3.131	ug/L	97
52) Ethylbenzene	9.005	91	3835742	250.991	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.130	106	3407858	563.414	ug/L	97
54) o-Xylene	9.535	106	1825912	305.181	ug/L	98
60) Isopropylbenzene	9.921	105	428108	25.818	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	2647550	180.584	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	12246881	842.700	ug/L	94
65) 1,4-Dichlorobenzene	11.262	146	19733	2.395	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	180744	21.801	ug/L	98

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

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