

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019071.D
 Acq On : 22 Oct 2020 15:43
 Operator : SY/MD
 Sample : L4425-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2P71

Quant Time: Oct 23 11:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327064	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130673	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.96%
7) Chloroethane-d5	1.58	69	105779	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.46%
11) 1,1-Dichloroethene-d2	2.12	63	217120	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	3.92	46	188078	94.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.12%
24) Chloroform-d	4.37	84	239433	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.05	65	162282	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
32) Benzene-d6	5.07	84	459095	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.09	67	147607	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.34	98	417396	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%
43) trans-1,3-Dichloropropene-	7.64	79	76708	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.11	63	135388	98.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192500	45.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	162583	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	68132	21.504	ug/L	98
8) Chloroethane	1.60	64	30925	15.800	ug/L	99
12) 1,1-Dichloroethene	2.13	96	36248	16.593	ug/L #	19
13) Acetone	2.20	43	66382	49.014	ug/L	98
16) Methylene chloride	2.52	84	77035	30.256	ug/L	96
19) 1,1-Dichloroethane	3.21	63	82017	17.597	ug/L	100
22) 2-Butanone	4.01	43	60037	32.337	ug/L	98
25) Chloroform	4.40	83	132838	28.932	ug/L	99
27) 1,2-Dichloroethane	5.15	62	132872	34.870	ug/L	98
31) Carbon tetrachloride	4.85	117	67337	19.383	ug/L	100
33) Benzene	5.13	78	191358	19.530	ug/L	100
34) Trichloroethene	5.94	95	119236	48.158	ug/L	99
37) 1,2-Dichloropropane	6.20	63	50059	18.558	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	139494	38.332	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	46276	19.424	ug/L	98
48) 2-Hexanone	8.16	43	120255	42.824	ug/L	99
54) o-xylene	9.56	106	191345	49.917	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	9.58	104	177543	26.111	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	72639	18.530	ug/L	98
61) Bromoform	9.75	173	35317	20.206	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	100933	20.739	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	126160	26.865	ug/L	99

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

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