

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029422.D
 Acq On : 07 Dec 2022 17:10
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	541239	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	486828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	249568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137991	41.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.260%
7) Chloroethane-d5	1.561	69	111469	44.107	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.220%
11) 1,1-Dichloroethene-d2	2.105	63	174477	33.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.500%
21) 2-Butanone-d5	3.867	46	212334	105.021	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.020%
24) Chloroform-d	4.339	84	276487	44.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.660%
26) 1,2-Dichloroethane-d4	5.024	65	168351	47.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
32) Benzene-d6	5.043	84	601168	46.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
36) 1,2-Dichloropropane-d6	6.063	67	188642	48.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.020%
41) Toluene-d8	7.307	98	552408	45.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	7.612	79	89488	45.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.200%
47) 2-Hexanone-d5	8.082	63	175399	104.536	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	266591	47.479	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.612	152	221297	46.581	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8836	2.073	ug/L	97
3) Chloromethane	1.240	50	11019	2.267	ug/L	100
5) Vinyl chloride	1.307	62	8879	2.183	ug/L #	73
6) Bromomethane	1.516	94	4314	2.636	ug/L	99
8) Chloroethane	1.581	64	5095	2.250	ug/L	93
9) Trichlorofluoromethane	1.748	101	10920	2.145	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	7648	2.704	ug/L #	79
12) 1,1-Dichloroethene	2.111	96	7420	2.565	ug/L #	1
13) Acetone	2.156	43	6368	4.835	ug/L	90
14) Carbon disulfide	2.291	76	20979	2.179	ug/L	98
15) Methyl Acetate	2.429	43	6944	2.314	ug/L	95
16) Methylene chloride	2.503	84	9796	2.723	ug/L	93
17) trans-1,2-Dichloroethene	2.757	96	6695	2.008	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	21615	2.116	ug/L	99
19) 1,1-Dichloroethane	3.182	63	12299	2.154	ug/L	94
20) cis-1,2-Dichloroethene	3.908	96	8088	2.206	ug/L	94
22) 2-Butanone	3.979	43	10357m	4.942	ug/L	
23) Bromochloromethane	4.246	128	3602	1.908	ug/L #	82
25) Chloroform	4.365	83	12717	2.148	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029422.D
 Acq On : 07 Dec 2022 17:10
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	9588	2.293	ug/L	99
29) Cyclohexane	4.670	56	11632	2.206	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	11101	2.093	ug/L	98
31) Carbon tetrachloride	4.822	117	9931	2.144	ug/L	100
33) Benzene	5.098	78	28697	2.091	ug/L	100
34) Trichloroethene	5.912	95	7506	2.183	ug/L	96
35) Methylcyclohexane	6.127	83	13050	2.235	ug/L	96
37) 1,2-Dichloropropane	6.172	63	7465	2.254	ug/L #	92
38) Bromodichloromethane	6.506	83	9639	2.108	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	10940	2.008	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	17191	4.353	ug/L	97
42) Toluene	7.384	91	32105	2.174	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	11439m	2.218	ug/L	
45) 1,1,2-Trichloroethane	7.834	97	7076	2.068	ug/L	91
46) Tetrachloroethene	7.969	164	5880	2.127	ug/L	96
48) 2-Hexanone	8.137	43	18023m	5.974	ug/L	
49) Dibromochloromethane	8.239	129	7868	2.083	ug/L	95
50) 1,2-Dibromoethane	8.349	107	7431	2.108	ug/L	96
51) Chlorobenzene	8.876	112	20391	2.180	ug/L	97
52) Ethylbenzene	9.005	91	31908	2.055	ug/L	99
53) m,p-Xylene	9.133	106	12435	2.023	ug/L	91
54) o-Xylene	9.535	106	12737	2.095	ug/L	90
55) Styrene	9.555	104	20336	1.925	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.233	83	12411	2.268	ug/L	95
59) Bromoform	9.722	173	5986	2.171	ug/L	98
60) Isopropylbenzene	9.924	105	31542	2.153	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	9480	2.461	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	27457	2.119	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	27083	2.109	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	16160	2.256	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	16515	2.268	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	16019	2.187	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.416	75	2946	2.461	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	11967	2.099	ug/L	94
70) 1,2,4-trichlorobenzene	13.249	180	10445	2.060	ug/L	98
71) Naphthalene	13.497	128	20547m	1.787	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	10182	2.050	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
 Data File : VV029422.D
 Acq On : 07 Dec 2022 17:10
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

