

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV030000.D
 Acq On : 30 Jan 2023 18:34
 Operator : SY/MD
 Sample : 01314-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44L5MS

Quant Time: Jan 31 02:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	491899	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	476814	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	289778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140445	40.975	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	81.960%	
7) Chloroethane-d5	1.561	69	132037	45.793	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	91.580%	
11) 1,1-Dichloroethene-d2	2.105	63	291611	47.876	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.760%	
21) 2-Butanone-d5	3.864	46	222428	111.366	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	111.370%	
24) Chloroform-d	4.336	84	286718	44.992	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.980%	
26) 1,2-Dichloroethane-d4	5.021	65	160485	44.982	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.960%	
32) Benzene-d6	5.040	84	580101	45.474	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.940%	
36) 1,2-Dichloropropane-d6	6.060	67	192153	48.935	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.860%	
41) Toluene-d8	7.304	98	520791	44.548	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.100%	
43) trans-1,3-Dichloroprop...	7.609	79	83768	48.027	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.060%	
47) 2-Hexanone-d5	8.079	63	183036	108.409	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.410%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	293755	48.342	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	96.680%	
66) 1,2-Dichlorobenzene-d4	11.612	152	224894m	43.556	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	195707	55.576	ug/L	100
3) Chloromethane	1.240	50	280288	78.183	ug/L	99
5) Vinyl chloride	1.307	62	275194	66.702	ug/L	100
6) Bromomethane	1.513	94	75831	43.303	ug/L	99
8) Chloroethane	1.577	64	166702	63.218	ug/L	99
9) Trichlorofluoromethane	1.748	101	282497	50.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	172978	50.533	ug/L	94
12) 1,1-Dichloroethene	2.114	96	179865	54.463	ug/L	85
13) Acetone	2.153	43	186783	77.440	ug/L	97
14) Carbon disulfide	2.288	76	549817	65.227	ug/L	100
15) Methyl Acetate	2.420	43	202992	65.062	ug/L	93
16) Methylene chloride	2.497	84	216156	54.861	ug/L	93
17) trans-1,2-Dichloroethene	2.751	96	191949	55.424	ug/L	93
18) Methyl tert-butyl Ether	2.761	73	574716	53.075	ug/L	98
19) 1,1-Dichloroethane	3.179	63	355585	56.480	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	276163	71.235	ug/L	92
22) 2-Butanone	3.947	43	273735	109.718	ug/L	98
23) Bromochloromethane	4.233	128	105486	51.984	ug/L	88
25) Chloroform	4.362	83	343983	52.594	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	251895	55.781	ug/L	100
29) Cyclohexane	4.667	56	313484	62.671	ug/L	94
30) 1,1,1-Trichloroethane	4.597	97	288346	52.058	ug/L	97
31) Carbon tetrachloride	4.818	117	238029	50.669	ug/L	99
33) Benzene	5.089	78	836689	58.385	ug/L	100
34) Trichloroethene	5.902	95	823056	228.125	ug/L	97
35) Methylcyclohexane	6.121	83	329172	56.478	ug/L	95
37) 1,2-Dichloropropane	6.162	63	220054	59.100	ug/L	99
38) Bromodichloromethane	6.497	83	263037	54.382	ug/L	99
39) cis-1,3-Dichloropropene	7.015	75	315409	59.939	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	552825	134.184	ug/L	95
42) Toluene	7.378	91	861979	56.332	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	297622	60.460	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	200814	53.317	ug/L	98
46) Tetrachloroethene	7.966	164	154210	51.815	ug/L	98
48) 2-Hexanone	8.130	43	425332	125.879	ug/L	93
49) Dibromochloromethane	8.233	129	203198	51.832	ug/L	98
50) 1,2-Dibromoethane	8.339	107	204083	54.110	ug/L	99
51) Chlorobenzene	8.870	112	723836	68.837	ug/L	99
52) Ethylbenzene	9.002	91	898261	53.711	ug/L	100
53) m,p-Xylene	9.127	106	351973	53.002	ug/L	99
54) o-Xylene	9.532	106	340910	53.023	ug/L	99
55) Styrene	9.548	104	619582	53.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.227	83	350510	55.414	ug/L	99
59) Bromoform	9.719	173	150936	52.517	ug/L	100
60) Isopropylbenzene	9.921	105	889476	51.456	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	261117	55.331	ug/L	98
62) 1,3,5-Trimethylbenzene	10.526	105	757737	52.208	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	747786	51.693	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	542571	62.128	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	1406068	155.406	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	7163569	814.819	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.413	75	71782	56.923	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	329570	48.474	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	355468	59.234	ug/L	99
71) Naphthalene	13.487	128	902655	55.928	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	310608	53.111	ug/L	99

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

