

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035323.D
 Acq On : 26 Apr 2023 19:03
 Operator : JC/MD
 Sample : 02419-11MS
 Misc : 4.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 27 04:43:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	535558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	469515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	243548	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	165012	47.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.560%		
7) Chloroethane-d5	1.672	69	112624m	45.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.260%		
11) 1,1-Dichloroethene-d2	2.288	65	83674	50.640	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.280%		
21) 2-Butanone-d5	4.489	46	226517	98.432	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.430%		
24) Chloroform-d	5.056	84	356159	54.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.540%		
26) 1,2-Dichloroethane-d4	5.952	65	227473	54.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.940%		
32) Benzene-d6	5.970	84	754349	55.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.860%		
36) 1,2-Dichloropropane-d6	7.305	67	229507	55.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.420%		
41) Toluene-d8	8.647	98	701191	56.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.760%		
43) trans-1,3-Dichloroprop...	8.951	79	102876	57.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	114.280%		
47) 2-Hexanone-d5	9.421	63	165012m	99.739	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.740%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	266212	52.762	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.520%		
66) 1,2-Dichlorobenzene-d4	12.323	152	264542	56.051	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	174300m	43.425	ug/L	
3) Chloromethane	1.294	50	140150	38.368	ug/L	97
5) Vinyl chloride	1.374	62	143312	37.807	ug/L	96
6) Bromomethane	1.617	94	83393	37.041	ug/L	100
8) Chloroethane	1.697	64	76812m	36.333	ug/L	
9) Trichlorofluoromethane	1.880	101	177665	34.611	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	162651	46.381	ug/L	98
12) 1,1-Dichloroethene	2.306	96	142318	44.480	ug/L	88
13) Acetone	2.410	43	126501	74.116	ug/L	97
14) Carbon disulfide	2.495	76	274954	34.781	ug/L	100
15) Methyl Acetate	2.715	43	160742	43.964	ug/L	98
16) Methylene chloride	2.782	84	161569	45.351	ug/L	96
17) trans-1,2-Dichloroethene	3.081	96	146499	44.465	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	533209	46.796	ug/L	99
19) 1,1-Dichloroethane	3.605	63	283095	44.573	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	174517	45.305	ug/L	99
22) 2-Butanone	4.586	43	201913	77.071	ug/L	99
23) Bromochloromethane	4.897	128	83080	43.546	ug/L	93
25) Chloroform	5.092	83	298207	46.310	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	232373	45.054	ug/L	99
29) Cyclohexane	5.464	56	269050	47.426	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	249120	45.240	ug/L	99
31) Carbon tetrachloride	5.672	117	203083	43.492	ug/L	99
33) Benzene	6.031	78	642706	45.202	ug/L	100
34) Trichloroethene	7.123	95	171597	45.368	ug/L	99
35) Methylcyclohexane	7.372	83	280166	55.002	ug/L	98
37) 1,2-Dichloropropane	7.427	63	169414	45.256	ug/L	99
38) Bromodichloromethane	7.824	83	190741	43.124	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	259060	46.282	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	413665m	83.826	ug/L	
42) Toluene	8.720	91	684695	46.414	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	238752	47.339	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	166158	46.775	ug/L	99
46) Tetrachloroethene	9.275	164	139787	49.615	ug/L	97
48) 2-Hexanone	9.464	43	317153m	84.648	ug/L	
49) Dibromochloromethane	9.525	129	150617	44.615	ug/L	98
50) 1,2-Dibromoethane	9.610	107	175816	47.566	ug/L	100
51) Chlorobenzene	10.079	112	454423	46.757	ug/L	99
52) Ethylbenzene	10.195	91	781609	47.930	ug/L	99
53) m,p-Xylene	10.299	106	305227	48.879	ug/L	98
54) o-Xylene	10.640	106	291936	47.551	ug/L	97
55) Styrene	10.658	104	497926	47.869	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.219	83	234382	44.770	ug/L	98
59) Bromoform	10.805	173	97066	38.717	ug/L	98
60) Isopropylbenzene	10.963	105	786701	47.505	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	179799	39.986	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	671375	49.573	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	655778	48.697	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	357037	47.271	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	359715	46.543	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	346017	45.182	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41724	37.605	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	259300	55.533	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	242623	55.493	ug/L	99
71) Naphthalene	13.774	128	756711	48.588	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	235641	54.594	ug/L	99

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

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