

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071023\
 Data File : VW031666.D
 Acq On : 10 Jul 2023 14:54
 Operator : SY/MD
 Sample : 03551-06MSD
 Misc : 7.50g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCHB3MSD

Quant Time: Jul 11 01:08:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 07 02:34:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	185112	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	188107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	126432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37772	30.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.320%
7) Chloroethane-d5	1.513	69	19088	17.757	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.520%#
11) 1,1-Dichloroethene-d2	2.040	65	19568	30.819	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.640%
21) 2-Butanone-d5	3.805	46	97270	97.507	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.510%
24) Chloroform-d	4.252	84	110573	35.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.680%
26) 1,2-Dichloroethane-d4	4.947	65	72429	37.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.040%
32) Benzene-d6	4.963	84	162048	30.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.220%#
36) 1,2-Dichloropropane-d6	5.995	67	65805	35.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.140%
41) Toluene-d8	7.249	98	150375	30.949	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.900%#
43) trans-1,3-Dichloroprop...	7.561	79	32581	35.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.220%
47) 2-Hexanone-d5	8.056	63	64650	87.252	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.250%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	132278	46.698	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	75792	31.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	77476	39.458	ug/L	98
3) Chloromethane	1.214	50	83571	45.106	ug/L	98
5) Vinyl chloride	1.282	62	81327	44.280	ug/L	97
6) Bromomethane	1.474	94	30176	25.208	ug/L	98
8) Chloroethane	1.529	64	25090	21.151	ug/L	96
9) Trichlorofluoromethane	1.677	101	135068	44.204	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	71392	43.599	ug/L	98
12) 1,1-Dichloroethene	2.053	96	59505	43.444	ug/L	84
13) Acetone	2.127	43	175714	178.506	ug/L	98
14) Carbon disulfide	2.224	76	160264	38.682	ug/L	99
15) Methyl Acetate	2.378	43	87189	52.609	ug/L	100
16) Methylene chloride	2.442	84	74141	43.175	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	61619	43.098	ug/L	91
18) Methyl tert-butyl Ether	2.712	73	228617	47.922	ug/L	97
19) 1,1-Dichloroethane	3.108	63	145374	47.111	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	69895	45.237	ug/L	100
22) 2-Butanone	3.886	43	123383	100.336	ug/L	92
23) Bromochloromethane	4.150	128	37506	44.907	ug/L	95
25) Chloroform	4.281	83	151041	47.086	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	123744	49.983	ug/L	99
29) Cyclohexane	4.580	56	103090	42.123	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	132331	43.878	ug/L	99
31) Carbon tetrachloride	4.735	117	116206	43.487	ug/L	99
33) Benzene	5.011	78	276484	44.147	ug/L	100
34) Trichloroethene	5.834	95	77256	46.164	ug/L	97
35) Methylcyclohexane	6.053	83	102022	41.374	ug/L	97
37) 1,2-Dichloropropane	6.098	63	84582	45.993	ug/L	99
38) Bromodichloromethane	6.439	83	115462	46.450	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	122768	44.971	ug/L	98
40) 4-Methyl-2-pentanone	7.172	43	235511	109.063	ug/L	97
42) Toluene	7.320	91	296538	45.667	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	125691	47.279	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	81876	47.129	ug/L	98
46) Tetrachloroethene	7.911	164	55142	41.982	ug/L	96
48) 2-Hexanone	8.104	43	194388	112.713	ug/L #	66
49) Dibromochloromethane	8.185	129	91354	47.314	ug/L	94
50) 1,2-Dibromoethane	8.288	107	85365	46.148	ug/L	99
51) Chlorobenzene	8.821	112	188594	43.853	ug/L	98
52) Ethylbenzene	8.953	91	325195	44.882	ug/L	99
53) m,p-Xylene	9.082	106	118046	44.488	ug/L	96
54) o-Xylene	9.487	106	114258	45.376	ug/L	96
55) Styrene	9.506	104	224287	49.874	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.191	83	150490	53.016	ug/L	97
59) Bromoform	9.677	173	75829	48.385	ug/L #	100
60) Isopropylbenzene	9.876	105	321894	39.935	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	125064	50.082	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	281894	42.315	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	266976	43.011	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	180625	44.697	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	180480	41.912	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	167799	41.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	30589	41.271	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	116450	37.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	107266	39.742	ug/L	99
71) Naphthalene	13.448	128	270207	39.524	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	113894	40.608	ug/L	99

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

