

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024662.D
 Acq On : 07 Oct 2021 21:41
 Operator : JC/MD
 Sample : M4001-05MSDME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW918MSDME

Manual Integrations
 APPROVED

Quant Time: Oct 07 23:12:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	277273	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	253707	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	137454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	51350	29.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.82%#
7) Chloroethane-d5	1.648	69	20223	17.89	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.78%#
11) 1,1-Dichloroethene-d2	2.270	63	112130	33.27	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.54%
21) 2-Butanone-d5	4.514	46	90832m	64.36	ug/L	0.06
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.36%
24) Chloroform-d	5.062	84	132159	38.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.02%
26) 1,2-Dichloroethane-d4	5.964	65	89460	36.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.76%
32) Benzene-d6	5.971	84	246737	34.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.04%#
36) 1,2-Dichloropropane-d6	7.312	67	79960	35.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.54%
41) Toluene-d8	8.653	98	234240	33.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.28%#
43) trans-1,3-Dichloroprop...	8.952	79	39029	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
47) 2-Hexanone-d5	9.403	63	84467	80.49	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.49%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	122764	39.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.76%
66) 1,2-Dichlorobenzene-d4	12.323	152	103723	38.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.14%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	120723	49.25	ug/L	99
3) Chloromethane	1.295	50	95631	47.79	ug/L	97
5) Vinyl chloride	1.374	62	98417	48.74	ug/L	99
6) Bromomethane	1.599	94	37319	33.50	ug/L	96
8) Chloroethane	1.666	64	24745	23.48	ug/L	96
9) Trichlorofluoromethane	1.837	101	64922	22.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.282	101	80861	45.66	ug/L	95
12) 1,1-Dichloroethene	2.282	96	74538	46.80	ug/L	87
13) Acetone	2.435	43	97507	69.89	ug/L	91
14) Carbon disulfide	2.471	76	202807	44.11	ug/L	98
15) Methyl Acetate	2.733	43	109536	49.28	ug/L	93
16) Methylene chloride	2.776	84	95613	49.90	ug/L	91
17) trans-1,2-Dichloroethene	3.075	96	92649	51.31	ug/L	96
18) Methyl tert-butyl Ether	3.142	73	318086	53.56	ug/L	97
19) 1,1-Dichloroethane	3.605	63	168350	49.90	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	104140	51.10	ug/L	99
22) 2-Butanone	4.611	43	150382	81.43	ug/L	93
23) Bromochloromethane	4.904	128	53210	49.96	ug/L	91
25) Chloroform	5.099	83	186677	48.94	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.093	62	154686	52.27	ug/L	96
29) Cyclohexane	5.458	56	162128	51.49	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	169078	50.82	ug/L	98
31) Carbon tetrachloride	5.672	117	143034	49.00	ug/L	98
33) Benzene	6.038	78	399613	50.97	ug/L	100
34) Trichloroethene	7.123	95	120448	55.82	ug/L	98
35) Methylcyclohexane	7.379	83	182593	53.23	ug/L	97
37) 1,2-Dichloropropane	7.434	63	102980	49.88	ug/L	100
38) Bromodichloromethane	7.830	83	125317	47.51	ug/L	100
39) cis-1,3-Dichloropropene	8.373	75	156925	50.69	ug/L	99
40) 4-Methyl-2-pentanone	8.592	43	319920	101.83	ug/L	95
42) Toluene	8.720	91	448842	51.29	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	155904	51.56	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	105134	52.37	ug/L	96
46) Tetrachloroethene	9.275	164	91299	54.28	ug/L	96
48) 2-Hexanone	9.446	43	249261	97.26	ug/L	93
49) Dibromochloromethane	9.525	129	99939	47.87	ug/L	99
50) 1,2-Dibromoethane	9.616	107	113236	52.23	ug/L #	99
51) Chlorobenzene	10.086	112	295875	56.10	ug/L	94
52) Ethylbenzene	10.195	91	506624	56.23	ug/L	97
53) m,p-Xylene	10.305	106	202394	57.50	ug/L	100
54) o-Xylene	10.647	106	193439	55.02	ug/L	96
55) Styrene	10.659	104	325441	55.45	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.220	83	169870	53.54	ug/L	97
59) Bromoform	10.805	173	69618	44.76	ug/L	99
60) Isopropylbenzene	10.964	105	520087	54.95	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	141708	50.23	ug/L	100
62) 1,3,5-Trimethylbenzene	11.457	105	454837	54.71	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	454546	55.93	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	236867	53.66	ug/L	97
65) 1,4-Dichlorobenzene	12.049	146	244379	55.42	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	242256	55.58	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	38133	50.28	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	183114	57.75	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	174568	65.07	ug/L	97
71) Naphthalene	13.780	128	632459	70.62	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	177657	64.18	ug/L	97

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

