

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024649.D
 Acq On : 07 Oct 2021 16:37
 Operator : JC/MD
 Sample : M4001-05MEMSD 10X
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW918MEMSD

Quant Time: Oct 07 23:09:01 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	6.769	114	214935	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	214317	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114604	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58219	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.50%
7) Chloroethane-d5	1.648	69	44518	50.82	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.64%
11) 1,1-Dichloroethene-d2	2.300	63	124327	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
21) 2-Butanone-d5	4.471	46	109092	99.71	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.71%
24) Chloroform-d	5.062	84	132888	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
26) 1,2-Dichloroethane-d4	5.964	65	94425	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.977	84	252337	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	7.312	67	83038	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.96%
41) Toluene-d8	8.653	98	253190	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%
43) trans-1,3-Dichloroprop...	8.952	79	42975	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.86%
47) 2-Hexanone-d5	9.391	63	85443	96.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.38%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	130862	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
66) 1,2-Dichlorobenzene-d4	12.323	152	104509	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96631	50.86	ug/L	99
3) Chloromethane	1.294	50	77502	49.96	ug/L	97
5) Vinyl chloride	1.374	62	80517	51.44	ug/L	98
6) Bromomethane	1.599	94	46988	54.41	ug/L	98
8) Chloroethane	1.672	64	46627	57.07	ug/L	99
9) Trichlorofluoromethane	1.880	101	123926	56.18	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	71476	52.06	ug/L	95
12) 1,1-Dichloroethene	2.313	96	66128	53.57	ug/L	92
13) Acetone	2.392	43	87150	80.58	ug/L	90
14) Carbon disulfide	2.508	76	170878	47.94	ug/L	100
15) Methyl Acetate	2.709	43	86576	50.25	ug/L	90
16) Methylene chloride	2.788	84	75128	50.58	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	69326	49.53	ug/L	92
18) Methyl tert-butyl Ether	3.123	73	235972	51.26	ug/L	96
19) 1,1-Dichloroethane	3.611	63	132170	50.54	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	78447	49.66	ug/L	92
22) 2-Butanone	4.568	43	130153	90.91	ug/L	89
23) Bromochloromethane	4.904	128	41996	50.87	ug/L	95
25) Chloroform	5.099	83	147930	50.03	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	125742	54.81	ug/L #	92
29) Cyclohexane	5.477	56	121165	45.55	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	132286	47.07	ug/L	99
31) Carbon tetrachloride	5.678	117	115007	46.64	ug/L	98
33) Benzene	6.044	78	302589	45.69	ug/L	100
34) Trichloroethene	7.129	95	88090	48.33	ug/L	97
35) Methylcyclohexane	7.385	83	133707	46.14	ug/L	99
37) 1,2-Dichloropropane	7.434	63	83147	47.67	ug/L	99
38) Bromodichloromethane	7.824	83	108011	48.48	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	125918	48.15	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	267752	100.89	ug/L	92
42) Toluene	8.720	91	357016	48.30	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	129188	50.58	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	81790	48.23	ug/L	99
46) Tetrachloroethene	9.275	164	69210	48.71	ug/L	95
48) 2-Hexanone	9.433	43	217772	100.59	ug/L #	89
49) Dibromochloromethane	9.525	129	88235	50.03	ug/L	95
50) 1,2-Dibromoethane	9.610	107	90688	49.52	ug/L	99
51) Chlorobenzene	10.079	112	227480	51.06	ug/L	99
52) Ethylbenzene	10.195	91	390694	51.33	ug/L	98
53) m,p-Xylene	10.305	106	153868	51.75	ug/L	98
54) o-Xylene	10.646	106	150887	50.80	ug/L	95
55) Styrene	10.659	104	257928	52.03	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	138454	51.66	ug/L	100
59) Bromoform	10.805	173	62729	48.38	ug/L	98
60) Isopropylbenzene	10.963	105	398775	50.53	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	117367	49.90	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	349044	50.36	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	350861	51.78	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	187024	50.82	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	185619	50.49	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	185361	51.01	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	32218	50.95	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	133239	50.40	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	116159	51.93	ug/L	97
71) Naphthalene	13.780	128	416733	55.81	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	121635	52.70	ug/L	98

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

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