

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053024\
 Data File : VU059100.D
 Acq On : 30 May 2024 17:30
 Operator : MD/SY
 Sample : P2586-07MEMSD
 Misc : 2.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4D18MEMSD

Quant Time: May 31 03:24:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 03:18:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	223742	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122852	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59427	44.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.720%
7) Chloroethane-d5	1.872	69	51823	45.159	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	2.547	63	121519	45.956	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	4.618	46	114818	90.931	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.930%
24) Chloroform-d	5.052	84	126527	47.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
26) 1,2-Dichloroethane-d4	5.692	65	80839	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	5.714	84	240973	46.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.220%
36) 1,2-Dichloropropane-d6	6.682	67	81359	45.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	7.891	98	215187	48.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.020%
43) trans-1,3-Dichloroprop...	8.174	79	37093	50.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.860%
47) 2-Hexanone-d5	8.634	63	78118	93.758	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	140298	46.009	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.020%
66) 1,2-Dichlorobenzene-d4	12.190	152	83817	45.718	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	94151	41.531	ug/L	99
3) Chloromethane	1.515	50	116217	44.357	ug/L	98
5) Vinyl chloride	1.599	62	113531	44.098	ug/L	98
6) Bromomethane	1.824	94	85574	41.547	ug/L	98
8) Chloroethane	1.891	64	62192	38.738	ug/L	100
9) Trichlorofluoromethane	2.100	101	126812	42.329	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	72904	41.825	ug/L	98
12) 1,1-Dichloroethene	2.557	96	70941	44.872	ug/L	96
13) Acetone	2.624	43	105712	71.226	ug/L	100
14) Carbon disulfide	2.769	76	238760	44.842	ug/L	100
15) Methyl Acetate	2.939	43	135169	57.495	ug/L	96
16) Methylene chloride	3.026	84	94338	44.101	ug/L	97
17) trans-1,2-Dichloroethene	3.335	96	77937	45.674	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	254121	45.847	ug/L	100
19) 1,1-Dichloroethane	3.849	63	163015	44.569	ug/L	98
20) cis-1,2-Dichloroethene	4.650	96	88406	45.465	ug/L	98
22) 2-Butanone	4.698	43	140083	77.959	ug/L	100
23) Bromochloromethane	4.962	128	44320	44.998	ug/L	99
25) Chloroform	5.074	83	162280	45.822	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	132962	44.442	ug/L	100
29) Cyclohexane	5.373	56	125509	41.291	ug/L	98
30) 1,1,1-Trichloroethane	5.303	97	125412	42.365	ug/L	99
31) Carbon tetrachloride	5.508	117	98968	41.159	ug/L	100
33) Benzene	5.763	78	360275	43.822	ug/L	100
34) Trichloroethene	6.531	95	89920	44.669	ug/L	100
35) Methylcyclohexane	6.753	83	123545	41.741	ug/L	99
37) 1,2-Dichloropropane	6.782	63	103263	44.233	ug/L	99
38) Bromodichloromethane	7.097	83	117227	43.109	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	148042	45.833	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	288063	94.122	ug/L	99
42) Toluene	7.962	91	370701	44.921	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	136747	46.764	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	95289	45.398	ug/L	100
46) Tetrachloroethene	8.547	164	58159	43.374	ug/L	94
48) 2-Hexanone	8.685	43	232353	90.016	ug/L	99
49) Dibromochloromethane	8.804	129	84363	44.474	ug/L	99
50) 1,2-Dibromoethane	8.917	107	98955	45.703	ug/L	99
51) Chlorobenzene	9.441	112	228035	45.783	ug/L	99
52) Ethylbenzene	9.563	91	389815	45.819	ug/L	99
53) m,p-Xylene	9.688	106	145419	46.507	ug/L	99
54) o-Xylene	10.097	106	143540	47.368	ug/L	97
55) Styrene	10.110	104	259755	50.429	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	177042	46.302	ug/L	99
59) Bromoform	10.290	173	67354	41.815	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	140982	41.267	ug/L	98
61) Isopropylbenzene	10.479	105	374532	43.333	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	275764	44.036	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	307628	45.316	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	183646	45.462	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	189072	45.321	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	180478	42.747	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	35038	40.455	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	117645	44.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	97774	45.887	ug/L	99
71) Naphthalene	14.081	128	303126	44.944	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	100374	46.335	ug/L	98

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

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