

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026079.D
 Acq On : 27 Dec 2021 22:41
 Operator : JC/MD
 Sample : M5174-11MEMSD
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBC20MEMSD

Quant Time: Dec 28 02:54:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	194712	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	178571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	93412	67.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	135.300%#
7) Chloroethane-d5	1.666	69	58109	52.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.320%
11) 1,1-Dichloroethene-d2	2.294	63	186377	68.114	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.220%#
21) 2-Butanone-d5	4.489	46	148310	123.889	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.890%
24) Chloroform-d	5.068	84	189532	68.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.180%#
26) 1,2-Dichloroethane-d4	5.964	65	120038	64.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.320%#
32) Benzene-d6	5.977	84	367241	71.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.900%#
36) 1,2-Dichloropropane-d6	7.312	67	112232	70.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	140.500%#
41) Toluene-d8	8.653	98	321571	67.007	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.020%#
43) trans-1,3-Dichloroprop...	8.952	79	50478	72.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	145.240%#
47) 2-Hexanone-d5	9.415	63	106503	129.161	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.160%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	155157	65.860	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	131.720%#
66) 1,2-Dichlorobenzene-d4	12.323	152	122491	69.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	138.040%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	101557	52.186	ug/L	99
3) Chloromethane	1.295	50	97381	53.909	ug/L	97
5) Vinyl chloride	1.380	62	94471	52.692	ug/L	99
6) Bromomethane	1.618	94	45257	44.206	ug/L	99
8) Chloroethane	1.685	64	44564	41.166	ug/L	99
9) Trichlorofluoromethane	1.868	101	90706	33.433	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	83285	59.532	ug/L	94
12) 1,1-Dichloroethene	2.307	96	78020	59.627	ug/L	86
13) Acetone	2.410	43	83226	127.166	ug/L	92
14) Carbon disulfide	2.502	76	183631	50.812	ug/L	100
15) Methyl Acetate	2.715	43	104833	58.121	ug/L #	91
16) Methylene chloride	2.788	84	85975	56.514	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	80117	57.500	ug/L	92
18) Methyl tert-butyl Ether	3.130	73	260579	57.569	ug/L	96
19) 1,1-Dichloroethane	3.611	63	147496	56.129	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	88171	56.701	ug/L	89
22) 2-Butanone	4.593	43	133619	109.653	ug/L	79
23) Bromochloromethane	4.904	128	42284	54.506	ug/L #	83
25) Chloroform	5.105	83	149882	54.668	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	118776	52.521	ug/L	96
29) Cyclohexane	5.465	56	138047	58.858	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	126514	58.184	ug/L	96
31) Carbon tetrachloride	5.678	117	109324	58.013	ug/L	100
33) Benzene	6.038	78	327493	57.755	ug/L	100
34) Trichloroethene	7.129	95	85219	58.754	ug/L	95
35) Methylcyclohexane	7.379	83	134434	58.558	ug/L	95
37) 1,2-Dichloropropane	7.434	63	81166	56.393	ug/L	99
38) Bromodichloromethane	7.830	83	106858	56.651	ug/L	98
39) cis-1,3-Dichloropropene	8.373	75	123031	59.486	ug/L	98
40) 4-Methyl-2-pentanone	8.592	43	253963	104.954	ug/L #	71
42) Toluene	8.720	91	338557	56.065	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	116059	59.132	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	78649	56.573	ug/L	97
46) Tetrachloroethene	9.275	164	69596	62.895	ug/L	97
48) 2-Hexanone	9.458	43	206934	112.437	ug/L #	94
49) Dibromochloromethane	9.525	129	81691	56.897	ug/L	97
50) 1,2-Dibromoethane	9.616	107	82506	55.574	ug/L	99
51) Chlorobenzene	10.086	112	210346	55.338	ug/L	98
52) Ethylbenzene	10.195	91	362217	55.306	ug/L	96
53) m,p-Xylene	10.305	106	138808	55.522	ug/L	90
54) o-Xylene	10.647	106	135770	54.826	ug/L	92
55) Styrene	10.659	104	233491	55.852	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.220	83	121605	52.053	ug/L	98
59) Bromoform	10.811	173	53892	55.560	ug/L	97
60) Isopropylbenzene	10.964	105	353622	54.802	ug/L	97
61) 1,2,3-Trichloropropane	11.250	75	98203	52.331	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	300884	55.691	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	300681	55.554	ug/L #	81
64) 1,3-Dichlorobenzene	11.976	146	158785	55.151	ug/L	99
65) 1,4-Dichlorobenzene	12.049	146	159934	55.174	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	159789	56.132	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	26166	52.924	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.116	180	109388	56.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	100225	58.229	ug/L	99
71) Naphthalene	13.780	128	376525	57.866	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	101852	57.300	ug/L	99

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

