

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW025998.D
 Acq On : 06 Jun 2022 13:34
 Operator : SY/MD
 Sample : N3171-04MEMSD
 Misc : 4.12g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMSD

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 07 02:28:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

06/07/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	383414	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	390435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	219066	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	154121	31.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.300%
7) Chloroethane-d5	1.571	69	121938	28.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.120%#
11) 1,1-Dichloroethene-d2	2.095	63	303464	35.065	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.120%
21) 2-Butanone-d5	3.921	46	131265	61.891	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.890%
24) Chloroform-d	4.346	84	288420	41.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.460%
26) 1,2-Dichloroethane-d4	5.030	65	169719	40.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.260%
32) Benzene-d6	5.043	84	569131	41.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.620%
36) 1,2-Dichloropropane-d6	6.066	67	176359	42.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.380%
41) Toluene-d8	7.313	98	525424	41.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	82689	44.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.620%
47) 2-Hexanone-d5	8.111	63	134116	87.504	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.500%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	250017	44.846	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.700%
66) 1,2-Dichlorobenzene-d4	11.625	152	206412	42.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	158477	39.978	ug/L	99
3) Chloromethane	1.243	50	193107	40.279	ug/L	99
5) Vinyl chloride	1.314	62	197562	40.533	ug/L	98
6) Bromomethane	1.523	94	107341	36.242	ug/L	97
8) Chloroethane	1.587	64	121263	33.313	ug/L	97
9) Trichlorofluoromethane	1.748	101	307760	44.431	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	157058	42.677	ug/L	96
12) 1,1-Dichloroethene	2.105	96	147628	40.785	ug/L	94
13) Acetone	2.195	43	110606	76.422	ug/L	93
14) Carbon disulfide	2.278	76	434651	48.548	ug/L	100
15) Methyl Acetate	2.439	43	145147	46.810	ug/L	97
16) Methylene chloride	2.500	84	169120	48.237	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	152636	49.082	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	483965	53.510	ug/L	98
19) 1,1-Dichloroethane	3.182	63	290064	49.938	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	170077	50.667	ug/L	97
22) 2-Butanone	4.002	43	154440	80.016	ug/L	95
23) Bromochloromethane	4.243	128	88177	49.733	ug/L	97
25) Chloroform	4.371	83	301238	48.941	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	219674	47.206	ug/L	96
29) Cyclohexane	4.667	56	242007	51.199	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	256832	48.436	ug/L	98
31) Carbon tetrachloride	4.821	117	215661	48.444	ug/L	100
33) Benzene	5.095	78	660330	50.229	ug/L	100
34) Trichloroethene	5.911	95	167781	48.794	ug/L	98
35) Methylcyclohexane	6.127	83	262175	50.909	ug/L	100
37) 1,2-Dichloropropane	6.172	63	169541	51.338	ug/L	99
38) Bromodichloromethane	6.509	83	223534	50.054	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	254698	54.083	ug/L	98
40) 4-Methyl-2-pentanone	7.239	43	407189m	105.482	ug/L	
42) Toluene	7.384	91	710134	50.353	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	245013	54.078	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	172308	51.350	ug/L	96
46) Tetrachloroethene	7.972	164	124523	49.094	ug/L	97
48) 2-Hexanone	8.162	43	321268	106.962	ug/L	98
49) Dibromochloromethane	8.246	129	177075	53.500	ug/L	100
50) 1,2-Dibromoethane	8.352	107	175582	51.455	ug/L	97
51) Chlorobenzene	8.882	112	458041	50.719	ug/L	99
52) Ethylbenzene	9.014	91	765814	52.633	ug/L	99
53) m,p-Xylene	9.140	106	300837	53.306	ug/L	98
54) o-Xylene	9.545	106	292708	52.799	ug/L	99
55) Styrene	9.564	104	528241	54.685	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	262468	52.425	ug/L	99
59) Bromoform	9.738	173	115374	54.596	ug/L	99
60) Isopropylbenzene	9.934	105	781845	53.282	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	210941	48.648	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	410276	54.244	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	640522	54.581	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	363429	52.324	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	369913	50.819	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	366261	50.980	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	45777	45.728	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	253361	52.829	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	218702	53.553	ug/L	98
71) Naphthalene	13.500	128	666892	55.140	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	223186	53.629	ug/L	100

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

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