

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025100.D
 Acq On : 08 Nov 2021 17:08
 Operator : JC/MD
 Sample : M4464-03MEMSD 10X
 Misc : 6.32g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K1MEMSD

Quant Time: Nov 09 04:24:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	213026	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	234168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	82483	42.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.640%
7) Chloroethane-d5	1.666	69	43956	36.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.306	63	175460	47.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.580%
21) 2-Butanone-d5	4.471	46	128036	96.716	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	5.056	84	169535	44.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
26) 1,2-Dichloroethane-d4	5.964	65	99655	40.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.460%
32) Benzene-d6	5.976	84	229414	27.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.040%#
36) 1,2-Dichloropropane-d6	7.312	67	74641	30.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	60.760%#
41) Toluene-d8	8.653	98	297935	42.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.020%
43) trans-1,3-Dichloroprop...	8.951	79	57611	43.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.880%
47) 2-Hexanone-d5	9.390	63	101322	96.550	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.550%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138011	40.583	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	78736	44.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.740%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	105631	48.000	ug/L	98
3) Chloromethane	1.288	50	69649	45.035	ug/L	86
5) Vinyl chloride	1.374	62	88537	48.239	ug/L	99
6) Bromomethane	1.611	94	52471	44.829	ug/L	92
8) Chloroethane	1.684	64	33531	31.344	ug/L	99
9) Trichlorofluoromethane	1.886	101	160892	47.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	90560	52.369	ug/L	93
12) 1,1-Dichloroethene	2.319	96	76201	50.106	ug/L	84
13) Acetone	2.392	43	118470	90.947	ug/L	98
14) Carbon disulfide	2.514	76	182714	46.275	ug/L	99
15) Methyl Acetate	2.709	43	90146	50.050	ug/L	# 82
16) Methylene chloride	2.788	84	86028	50.310	ug/L	# 78
17) trans-1,2-Dichloroethene	3.093	96	77414	50.146	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	300325	50.163	ug/L	94
19) 1,1-Dichloroethane	3.617	63	180260	55.917	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	248485	138.979	ug/L	84
22) 2-Butanone	4.574	43	144890	93.652	ug/L	85
23) Bromochloromethane	4.903	128	38546	45.788	ug/L	# 56
25) Chloroform	5.099	83	168538	47.365	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	121869	44.343	ug/L	100
29) Cyclohexane	5.476	56	123863	34.559	ug/L #	72
30) 1,1,1-Trichloroethane	5.391	97	153441	36.171	ug/L #	90
31) Carbon tetrachloride	5.684	117	99652	29.290	ug/L	99
33) Benzene	6.043	78	246330	27.956	ug/L	100
34) Trichloroethene	7.129	95	172067	76.664	ug/L	97
35) Methylcyclohexane	7.385	83	108184	32.406	ug/L #	88
37) 1,2-Dichloropropane	7.433	63	74790	36.551	ug/L	97
38) Bromodichloromethane	7.824	83	130280	42.562	ug/L #	95
39) cis-1,3-Dichloropropene	8.372	75	145003	43.906	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	248235	77.857	ug/L #	87
42) Toluene	8.720	91	1200926	143.166	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	150863	45.560	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	86082	45.612	ug/L	96
46) Tetrachloroethene	9.275	164	61278	49.305	ug/L	97
48) 2-Hexanone	9.439	43	200543	76.433	ug/L #	88
49) Dibromochloromethane	9.525	129	89824	44.859	ug/L	99
50) 1,2-Dibromoethane	9.610	107	93763	46.541	ug/L	97
51) Chlorobenzene	10.085	112	231784	47.174	ug/L	99
52) Ethylbenzene	10.195	91	424186	47.035	ug/L	99
53) m,p-Xylene	10.305	106	154459	47.085	ug/L	98
54) o-Xylene	10.646	106	151368	48.761	ug/L	99
55) Styrene	10.658	104	253060	46.825	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.219	83	141742	41.989	ug/L #	95
59) Bromoform	10.805	173	57205	54.365	ug/L #	97
60) Isopropylbenzene	10.963	105	410110	54.951	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	121550	55.983	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	280915	45.447	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	257020	42.399	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	120274	44.509	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	137803	50.160	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	134926	48.385	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	25207	37.385	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.115	180	70312	36.291	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	62762	37.824	ug/L	98
71) Naphthalene	13.780	128	250767	42.001	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	66609	40.918	ug/L	99

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

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