

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025022.D
 Acq On : 29 Oct 2021 14:24
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda

11/2/2021 2:32:45 PM

Quant Time: Oct 30 01:32:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	160325	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	145438	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63833	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40380	39.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.020%
7) Chloroethane-d5	1.666	69	32199	46.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.180%
11) 1,1-Dichloroethene-d2	2.307	63	82772	32.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.740%
21) 2-Butanone-d5	4.465	46	102692	100.599	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.600%
24) Chloroform-d	5.062	84	125547	46.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
26) 1,2-Dichloroethane-d4	5.964	65	94358	48.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
32) Benzene-d6	5.983	84	197028	47.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
36) 1,2-Dichloropropane-d6	7.312	67	68018	48.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.700%
41) Toluene-d8	8.653	98	188169	47.646	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
43) trans-1,3-Dichloroprop...	8.952	79	36945	45.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.400%
47) 2-Hexanone-d5	9.391	63	74670	104.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.250%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	95550	50.228	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	62929	50.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3073	2.042	ug/L	92
3) Chloromethane	1.288	50	1996	1.907	ug/L	89
5) Vinyl chloride	1.374	62	2601	2.209	ug/L	89
6) Bromomethane	1.618	94	1665	2.198	ug/L	85
8) Chloroethane	1.691	64	1534	2.579	ug/L	83
9) Trichlorofluoromethane	1.892	101	4423	1.692	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2824	2.382	ug/L #	83
12) 1,1-Dichloroethene	2.319	96	2657	2.664	ug/L #	1
13) Acetone	2.392	43	3144	3.240	ug/L	89
14) Carbon disulfide	2.514	76	4581	1.695	ug/L #	95
15) Methyl Acetate	2.709	43	2893	2.062	ug/L #	83
16) Methylene chloride	2.794	84	2994	2.652	ug/L	83
17) trans-1,2-Dichloroethene	3.105	96	2197	2.152	ug/L	83
18) Methyl tert-butyl Ether	3.123	73	8870	2.103	ug/L #	86
19) 1,1-Dichloroethane	3.611	63	4624	1.949	ug/L	90
20) cis-1,2-Dichloroethene	4.489	96	2187m	1.896	ug/L	
22) 2-Butanone	4.574	43	4106	3.438	ug/L #	62
23) Bromochloromethane	4.904	128	1427m	2.476	ug/L	
27) 1,2-Dichloroethane	6.099	62	5165	2.212	ug/L #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.483	56	3863m	1.959	ug/L	
30) 1,1,1-Trichloroethane	5.391	97	4848	1.927	ug/L #	86
31) Carbon tetrachloride	5.684	117	4031	1.892	ug/L #	59
33) Benzene	6.044	78	9493	2.108	ug/L	100
34) Trichloroethene	7.129	95	2180	1.605	ug/L #	70
35) Methylcyclohexane	7.385	83	3963	2.022	ug/L #	78
37) 1,2-Dichloropropane	7.434	63	2329	1.818	ug/L #	85
38) Bromodichloromethane	7.824	83	4005	2.046	ug/L #	84
39) cis-1,3-Dichloropropene	8.373	75	4134	1.986	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	7292	3.665	ug/L #	86
42) Toluene	8.726	91	12579	2.553	ug/L	99
44) trans-1,3-Dichloropropene	8.988	75	4392	2.049	ug/L	92
45) 1,1,2-Trichloroethane	9.159	97	2545	2.122	ug/L #	87
46) Tetrachloroethene	9.269	164	1683	1.985	ug/L #	67
48) 2-Hexanone	9.433	43	6093	3.706	ug/L #	90
49) Dibromochloromethane	9.525	129	2829	2.096	ug/L	95
50) 1,2-Dibromoethane	9.616	107	2758	2.085	ug/L	82
51) Chlorobenzene	10.080	112	6126	2.079	ug/L	99
52) Ethylbenzene	10.195	91	10300	1.811	ug/L	96
53) m,p-Xylene	10.305	106	3696	1.890	ug/L	99
54) o-Xylene	10.647	106	3519	1.841	ug/L	96
55) Styrene	10.659	104	5449	1.685	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	4386	2.273	ug/L #	90
59) Bromoform	10.805	173	1711	2.176	ug/L #	93
60) Isopropylbenzene	10.970	105	9560	1.965	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	3676	2.364	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.451	105	8318	1.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	8531	2.020	ug/L	98
64) 1,3-Dichlorobenzene	11.976	146	4140	2.186	ug/L	86
65) 1,4-Dichlorobenzene	12.043	146	3491	1.783	ug/L #	77
67) 1,2-Dichlorobenzene	12.341	146	4448	2.300	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.945	75	1013	1.998	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.116	180	2526	1.857	ug/L #	92
70) 1,2,4-trichlorobenzene	13.591	180	2064	1.791	ug/L #	88
71) Naphthalene	13.780	128	5970	1.498	ug/L	99
72) 1,2,3-Trichlorobenzene	13.969	180	2082	1.756	ug/L #	82

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

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