

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102820\
 Data File : VV019137.D
 Acq On : 28 Oct 2020 15:55
 Operator : SY/MD
 Sample : L4425-06
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2P76

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 2:58:17 PM

Quant Time: Oct 29 03:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 03:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	233990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	231190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70849	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.66%
7) Chloroethane-d5	1.58	69	55129	32.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.44%#
11) 1,1-Dichloroethene-d2	2.09	63	115945	29.12	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.24%#
21) 2-Butanone-d5	3.92	46	98245m	68.72	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.72%
24) Chloroform-d	4.37	84	156130	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.98%
26) 1,2-Dichloroethane-d4	5.05	65	110877	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
32) Benzene-d6	5.06	84	284265	40.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.09	67	87218	38.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.14%
41) Toluene-d8	7.33	98	276763	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.64	79	51127	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.14	63	79286m	79.60	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113500	37.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	118285	43.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	303291	313.013	ug/L	93
16) Methylene chloride	2.51	84	293397	161.068	ug/L	92
19) 1,1-Dichloroethane	3.20	63	414187	124.215	ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	91435	51.776	ug/L	93
23) Bromochloromethane	4.26	128	142161	158.136	ug/L #	84
25) Chloroform	4.40	83	86574	26.356	ug/L	99
27) 1,2-Dichloroethane	5.15	62	324579	119.064	ug/L	100
30) 1,1,1-Trichloroethane	4.62	97	189956	65.991	ug/L	97
31) Carbon tetrachloride	4.84	117	194219	77.398	ug/L	100
34) Trichloroethene	5.93	95	109967	61.487	ug/L	95
37) 1,2-Dichloropropane	6.19	63	111441	57.195	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	599217m	227.956	ug/L	
45) 1,1,2-Trichloroethane	7.86	97	233802	135.862	ug/L	97
46) Tetrachloroethene	7.99	164	189587	138.138	ug/L	97
49) Dibromochloromethane	8.27	129	327771	174.255	ug/L	98
50) 1,2-Dibromoethane	8.37	107	176739	98.967	ug/L	98
55) Styrene	9.59	104	278494	56.701	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	9.95	105	354487	48.689	uq/L	99
62) 1,3-Dichlorobenzene	11.21	146	164678	42.446	uq/L	98
63) 1,4-Dichlorobenzene	11.30	146	297842	73.467	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	54825	79.329	uq/L	91
68) 1,2,4-trichlorobenzene	13.29	180	149218	59.731	uq/L	100

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

