

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
 Data File : VV008405.D
 Acq On : 24 Oct 2018 20:34
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

apatel
 10/25/2018 4:41:18 PM

Quant Time: Oct 25 09:25:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 09:16:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	194037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43803	40.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.54%
7) Chloroethane-d5	1.56	69	34725	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.54%
11) 1,1-Dichloroethene-d2	2.13	63	61162	31.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.04%
21) 2-Butanone-d5	3.94	46	115313	98.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.41	84	116573	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
26) 1,2-Dichloroethane-d4	5.09	65	81855	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.10	84	233803	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.12	67	81357	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.36	98	209209	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.67	79	39051	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.66%
47) 2-Hexanone-d5	8.14	63	87589	95.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113156	47.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	71944	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3935	2.840 ug/L	98
3) Chloromethane	1.25	50	4392	2.959 ug/L	100
5) Vinyl chloride	1.33	62	3893	2.831 ug/L #	72
6) Bromomethane	1.52	94	1187	3.146 ug/L	97
8) Chloroethane	1.58	64	2365	3.273 ug/L	92
9) Trichlorofluoromethane	1.76	101	5022	2.837 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3118	3.372 ug/L	89
12) 1,1-Dichloroethene	2.14	96	2816	3.235 ug/L #	1
13) Acetone	2.19	43	4970	5.485 ug/L	93
14) Carbon disulfide	2.32	76	11172	2.849 ug/L	100
15) Methyl Acetate	2.46	43	6281	3.476 ug/L #	88
16) Methylene chloride	2.54	84	4526	3.002 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	3989	3.006 ug/L	82
18) Methyl tert-butyl Ether	2.81	73	13470	2.836 ug/L #	93
19) 1,1-Dichloroethane	3.23	63	7637	2.790 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	4443	2.939 ug/L	86
22) 2-Butanone	4.03	43	6029	4.605 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	1756m	2.463	ug/L	
25) Chloroform	4.43	83	8390	3.140	ug/L	99
27) 1,2-Dichloroethane	5.19	62	6503	2.914	ug/L	99
29) Cyclohexane	4.73	56	7263	2.814	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	6556	2.851	ug/L	99
31) Carbon tetrachloride	4.88	117	5448	2.792	ug/L	98
33) Benzene	5.15	78	17136	2.957	ug/L	100
34) Trichloroethene	5.96	95	4165	2.807	ug/L	91
35) Methylcyclohexane	6.18	83	7147	2.833	ug/L	98
37) 1,2-Dichloropropane	6.23	63	4549	2.842	ug/L #	89
38) Bromodichloromethane	6.56	83	5645	2.768	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	6862	2.727	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	13514	5.702	ug/L	97
42) Toluene	7.43	91	17540	2.914	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	7998	3.397	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	3994	2.822	ug/L	95
46) Tetrachloroethene	8.02	164	2612	2.700	ug/L	97
48) 2-Hexanone	8.19	43	9859	5.391	ug/L	93
49) Dibromochloromethane	8.30	129	3935	2.587	ug/L	91
50) 1,2-Dibromoethane	8.40	107	4217	2.841	ug/L #	95
51) Chlorobenzene	8.93	112	10454	2.820	ug/L	97
52) Ethylbenzene	9.06	91	19142	2.839	ug/L	98
53) m,p-Xylene	9.18	106	6992	2.838	ug/L	97
54) o-xylene	9.59	106	6694	2.721	ug/L	94
55) Styrene	9.61	104	11214	2.705	ug/L	96
56) Isopropylbenzene	9.98	105	17891	2.780	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	7616	3.073	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	5684	2.834	ug/L	99
61) Bromoform	9.78	173	2566	2.735	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	7284	2.963	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	7120	2.890	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	7366	2.938	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	1456	2.825	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.70	180	4062	2.530	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	2616	2.014	ug/L	96
69) Naphthalene	13.56	128	6954	1.656	ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	2551	1.965	ug/L	97

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

