

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102518\
 Data File : VU027816.D
 Acq On : 25 Oct 2018 23:07
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05032

Quant Time: Oct 26 02:31:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 02:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	88513	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	85193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30037	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.22%
7) Chloroethane-d5	1.68	69	23503	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.66%
11) 1,1-Dichloroethene-d2	2.28	63	60035	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
21) 2-Butanone-d5	4.18	46	58111	99.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.01%
24) Chloroform-d	4.65	84	61626	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.31	65	43621	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.34	84	110422	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.33	67	40933	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.57	98	105047	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.85	79	19797	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.12%
47) 2-Hexanone-d5	8.31	63	42967	96.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53956	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	40626	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	39173	54.457	ug/L 99
3) Chloromethane	1.33	50	40879	48.512	ug/L 100
5) Vinyl chloride	1.40	62	40693	50.910	ug/L 98
6) Bromomethane	1.63	94	16368	40.612	ug/L 100
8) Chloroethane	1.70	64	22019	51.039	ug/L 99
9) Trichlorofluoromethane	1.89	101	53372	55.418	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	27031	51.255	ug/L 97
12) 1,1-Dichloroethene	2.29	96	25238	51.171	ug/L 96
13) Acetone	2.32	43	37894	92.693	ug/L 97
14) Carbon disulfide	2.48	76	83015	48.339	ug/L 99
15) Methyl Acetate	2.62	43	42890	49.853	ug/L 100
16) Methylene chloride	2.70	84	30502	50.065	ug/L 92
17) trans-1,2-Dichloroethene	2.99	96	27472	50.354	ug/L 97
18) Methyl tert-butyl Ether	3.00	73	105857	51.910	ug/L 99
19) 1,1-Dichloroethane	3.45	63	61686	52.102	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	32221	49.922	ug/L 100
22) 2-Butanone	4.26	43	59993	98.624	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	15794	52.406	uq/L	95
25) Chloroform	4.68	83	62740	54.607	uq/L	98
27) 1,2-Dichloroethane	5.41	62	56006	56.169	uq/L	99
29) Cyclohexane	5.00	56	60795	49.786	uq/L	97
30) 1,1,1-Trichloroethane	4.92	97	54913	53.177	uq/L	99
31) Carbon tetrachloride	5.14	117	47324	50.926	uq/L	98
33) Benzene	5.39	78	129384	51.051	uq/L	100
34) Trichloroethene	6.19	95	32114	50.615	uq/L	98
35) Methylcyclohexane	6.42	83	53382	48.649	uq/L	97
37) 1,2-Dichloropropane	6.43	63	37966	50.701	uq/L	100
38) Bromodichloromethane	6.76	83	48755	52.394	uq/L	99
39) cis-1,3-Dichloropropene	7.27	75	58979	51.152	uq/L	99
40) 4-Methyl-2-pentanone	7.46	43	121834	101.234	uq/L	99
42) Toluene	7.64	91	139203	52.447	uq/L	97
44) trans-1,3-Dichloropropene	7.88	75	55498	50.883	uq/L	99
45) 1,1,2-Trichloroethane	8.07	97	32037	51.795	uq/L	97
46) Tetrachloroethene	8.23	164	24989	51.000	uq/L	96
48) 2-Hexanone	8.36	43	93388	100.059	uq/L	99
49) Dibromochloromethane	8.48	129	36516	49.823	uq/L	100
50) 1,2-Dibromoethane	8.59	107	34355	52.039	uq/L	98
51) Chlorobenzene	9.12	112	83330	51.210	uq/L	97
52) Ethylbenzene	9.25	91	156417	52.099	uq/L	99
53) m,p-Xylene	9.38	106	54844	50.567	uq/L	95
54) o-xylene	9.78	106	55241	51.096	uq/L	97
55) Styrene	9.79	104	94877	51.557	uq/L	99
56) Isopropylbenzene	10.17	105	151569	52.937	uq/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	55728	50.666	uq/L	99
59) 1,2,3-Trichloropropane	10.49	75	45939	51.910	uq/L	98
61) Bromoform	9.96	173	27226	47.644	uq/L	100
62) 1,3-Dichlorobenzene	11.42	146	64324	50.041	uq/L	97
63) 1,4-Dichlorobenzene	11.51	146	66514	50.747	uq/L	99
65) 1,2-Dichlorobenzene	11.88	146	65983	49.907	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	13350	48.460	uq/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	51434	51.736	uq/L	98
68) 1,2,4-trichlorobenzene	13.50	180	47258	53.545	uq/L	99
69) Naphthalene	13.74	128	148693	52.162	uq/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	48249	52.307	uq/L	98

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

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