

Data File : VU028913.D
Acq On : 22 Dec 2018 14:36
Operator : MD/SY
Sample : VU1222MBS02
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1222MBS02

Manual Integrations
APPROVED

apatel
1/2/2019 10:31:23 AM

Quant Time: Dec 24 06:06:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	109236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	181496	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82324	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	71861	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	4.88	113	60033	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	7.56	98	233212	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	10.30	95	81279	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	25963	17.732	ug/l	98
3) Chloromethane	1.33	50	40421	15.016	ug/l	99
4) Vinyl Chloride	1.40	62	35024	18.029	ug/l	98
5) Bromomethane	1.61	94	18296	23.381	ug/l	98
6) Chloroethane	1.69	64	20992	19.088	ug/l	99
7) Trichlorofluoromethane	1.88	101	37558	18.376	ug/l	98
8) Diethyl Ether	2.10	74	17517	18.319	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.28	101	24591	20.118	ug/l	96
10) Methyl Iodide	2.41	142	22643	23.608	ug/l	94
11) Tert butyl alcohol	2.83	59	33319	89.711	ug/l	99
12) 1,1-Dichloroethene	2.28	96	23934	19.679	ug/l	88
13) Acrolein	2.19	56	20367	68.789	ug/l	96
14) Allyl chloride	2.59	41	43221	15.022	ug/l #	95
15) Acrylonitrile	2.94	53	89550	86.846	ug/l	100
16) Acetone	2.32	43	80273	73.794	ug/l	89
17) Carbon Disulfide	2.47	76	77680	17.729	ug/l	99
18) Methyl Acetate	2.61	43	48767	17.294	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	83950	18.208	ug/l	98
20) Methylene Chloride	2.70	84	30642	19.108	ug/l	87
21) trans-1,2-Dichloroethene	2.98	96	25938	18.942	ug/l	91
22) Diisopropyl ether	3.57	45	92685	16.565	ug/l #	97
23) Vinyl Acetate	3.52	43	358121	77.598	ug/l #	95
24) 1,1-Dichloroethane	3.44	63	52002	17.755	ug/l	99
25) 2-Butanone	4.26	43	117860	79.282	ug/l	95
26) 2,2-Dichloropropane	4.22	77	38219	16.469	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	29923	19.306	ug/l	90
28) Bromochloromethane	4.55	49	21674	16.279	ug/l #	81
29) Tetrahydrofuran	4.64	42	78288	81.999	ug/l	90
30) Chloroform	4.67	83	48359	18.945	ug/l	95
31) Cyclohexane	4.99	56	51241	17.142	ug/l	92
32) 1,1,1-Trichloroethane	4.91	97	38514	18.167	ug/l	97
36) 1,1-Dichloropropene	5.13	75	36522	18.389	ug/l	98
37) Ethyl Acetate	4.38	43	43297	16.864	ug/l	96
38) Carbon Tetrachloride	5.13	117	30680	19.166	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	44501	18.366	ug/l	93
40) Benzene	5.39	78	117417	20.073	ug/l	97
41) Methacrylonitrile	4.54	41	24208	17.217	ug/l	95
42) 1,2-Dichloroethane	5.40	62	37616	18.371	ug/l	99
43) Isopropyl Acetate	5.55	43	67441	16.607	ug/l #	95
44) Trichloroethene	6.19	130	27662	21.268	ug/l	92
45) 1,2-Dichloropropane	6.43	63	31949	19.423	ug/l	99
46) Dibromomethane	6.56	93	19761	20.247	ug/l	94
47) Bromodichloromethane	6.76	83	36091	19.003	ug/l	98
48) Methyl methacrylate	6.62	41	32547	16.116	ug/l #	88
49) 1,4-Dioxane	6.61	88	15004	470.535	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	214690	83.822	ug/l	94
52) Toluene	7.64	92	70137	20.374	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	41745	18.456	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	46814	19.077	ug/l #	90
55) 1,1,2-Trichloroethane	8.06	97	28985	21.300	ug/l	97
56) Ethyl methacrylate	8.02	69	43419	18.632	ug/l	86
57) 1,3-Dichloropropane	8.24	76	50048	19.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	100060	83.831	ug/l	94
59) 2-Hexanone	8.36	43	165263	81.408	ug/l	92
60) Dibromochloromethane	8.48	129	26185	19.654	ug/l	99
61) 1,2-Dibromoethane	8.58	107	30664	21.488	ug/l	100
64) Tetrachloroethene	8.23	164	25537	22.582	ug/l	97
65) Chlorobenzene	9.12	112	75306	20.845	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	24865	21.553	ug/l	100
67) Ethyl Benzene	9.25	91	129750	19.537	ug/l	99
68) m/p-Xylenes	9.37	106	97750	40.450	ug/l	96
69) o-Xylene	9.78	106	48163	20.509	ug/l	94
70) Styrene	9.79	104	78484	20.194	ug/l	96
71) Bromoform	9.96	173	20724	21.117	ug/l #	100
73) Isopropylbenzene	10.16	105	125563	19.877	ug/l	99
74) N-amyl acetate	10.01	43	55683	15.281	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.46	83	49671	20.469	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	38785m	18.450	ug/l	
77) Bromobenzene	10.45	156	31115	21.061	ug/l	93
78) n-propylbenzene	10.58	91	147254	18.760	ug/l	97
79) 2-Chlorotoluene	10.66	91	89484	19.791	ug/l	96
80) 1,3,5-Trimethylbenzene	10.77	105	104000	19.889	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.51	75	14790m	17.641	ug/l	
82) 4-Chlorotoluene	10.77	91	99910	18.647	ug/l	96
83) tert-Butylbenzene	11.10	119	98749	19.593	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	106552	19.772	ug/l	96
85) sec-Butylbenzene	11.32	105	125741	19.420	ug/l	98
86) p-Isopropyltoluene	11.48	119	104208	18.946	ug/l	97
87) 1,3-Dichlorobenzene	11.41	146	57221	20.512	ug/l	97
88) 1,4-Dichlorobenzene	11.50	146	57383	19.881	ug/l	99
89) n-Butylbenzene	11.89	91	91618	16.459	ug/l	98
90) Hexachloroethane	12.14	117	16259	19.558	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	57304	20.536	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9699	18.462	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	34738	18.654	ug/l	98
94) Hexachlorobutadiene	13.69	225	16551	18.107	ug/l	96
95) Naphthalene	13.74	128	116155	17.347	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	36923	19.437	ug/l	98

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

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