Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027396.D
Acq On : 04 Oct 2018 10:26
Operator : MD/SY
Sample : VU1004MBSD02
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1004MBSD02

Manual Integrations APPROVED
MMDadoda
10/8/2018 1:52:30 PM

Quant Time: Oct 05 03:52:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	109794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	191372	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89870	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.04%			
35) Dibromofluoromethane	4.89	113	63512	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.86%			
50) Toluene-d8	7.57	98	238304	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.10%			
62) 4-Bromofluorobenzene	10.31	95	86537	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	32141	20.305	ug/l	100
3) Chloromethane	1.33	50	39875	18.607	ug/l	98
4) Vinyl Chloride	1.40	62	40453	20.081	ug/l	98
5) Bromomethane	1.62	94	17837	20.463	ug/l	99
6) Chloroethane	1.70	64	22979	18.983	ug/l	100
7) Trichlorofluoromethane	1.89	101	42191	20.641	ug/l	95
8) Diethyl Ether	2.11	74	17703	18.801	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22645	19.077	ug/l	99
10) Methyl Iodide	2.41	142	17569	22.425	ug/l	99
11) Tert butyl alcohol	2.83	59	40275	104.319	ug/l	99
12) 1,1-Dichloroethene	2.29	96	21785	18.784	ug/l	96
13) Acrolein	2.20	56	15608	48.179	ug/l	98
14) Allyl chloride	2.59	41	52789	19.168	ug/l	99
15) Acrylonitrile	2.94	53	105637	105.127	ug/l	99
16) Acetone	2.32	43	96894	89.461	ug/l	100
17) Carbon Disulfide	2.48	76	71689	17.139	ug/l	99
18) Methyl Acetate	2.62	43	55267	22.368	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	91737	19.741	ug/l	99
20) Methylene Chloride	2.70	84	29521	19.567	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	25753	19.779	ug/l	99
22) Diisopropyl ether	3.58	45	113009	20.189	ug/l	96
23) Vinyl Acetate	3.53	43	488132	99.855	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58530	20.340	ug/l	99
25) 2-Butanone	4.26	43	152328	103.137	ug/l	99
26) 2,2-Dichloropropane	4.23	77	46349	19.602	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	29315	19.687	ug/l	100
28) Bromochloromethane	4.55	49	29063	20.934	ug/l	99
29) Tetrahydrofuran	4.64	42	96616	103.799	ug/l	99
30) Chloroform	4.67	83	53096	20.768	ug/l	99
31) Cyclohexane	5.00	56	54442	18.364	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	43926	20.400	ug/l	99
36) 1,1-Dichloropropene	5.14	75	40026	19.263	ug/l	99
37) Ethyl Acetate	4.39	43	53024	19.745	ug/l	99
38) Carbon Tetrachloride	5.14	117	36769	19.590	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	6.42	83	43106	17.747 ug/l		97
40) Benzene	5.39	78	118610	19.597 ug/l		99
41) Methacrylonitrile	4.55	41	30072	19.812 ug/l		97
42) 1,2-Dichloroethane	5.41	62	45353	20.187 ug/l		100
43) Isopropyl Acetate	5.55	43	84055	20.153 ug/l		98
44) Trichloroethene	6.19	130	25178	18.656 ug/l		97
45) 1,2-Dichloropropane	6.43	63	34343	19.672 ug/l		99
46) Dibromomethane	6.56	93	20212	20.499 ug/l		98
47) Bromodichloromethane	6.76	83	40515	19.803 ug/l		99
48) Methyl methacrylate	6.62	41	41310	19.917 ug/l		99
49) 1,4-Dioxane	6.61	88	16992	476.153 ug/l		98
51) 4-Methyl-2-Pentanone	7.46	43	278163	102.635 ug/l		99
52) Toluene	7.64	92	69310	19.347 ug/l		100
53) t-1,3-Dichloropropene	7.88	75	46458	19.367 ug/l		97
54) cis-1,3-Dichloropropene	7.27	75	50486	19.578 ug/l		98
55) 1,1,2-Trichloroethane	8.07	97	28131	19.805 ug/l		99
56) Ethyl methacrylate	8.02	69	45274	18.160 ug/l		99
57) 1,3-Dichloropropane	8.24	76	54192	19.653 ug/l		98
58) 2-Chloroethyl Vinyl ether	7.13	63	141229	99.665 ug/l		98
59) 2-Hexanone	8.36	43	215387	102.449 ug/l		99
60) Dibromochloromethane	8.48	129	28281	19.852 ug/l		100
61) 1,2-Dibromoethane	8.59	107	28938	19.162 ug/l		97
64) Tetrachloroethene	8.23	164	21245	19.069 ug/l		98
65) Chlorobenzene	9.12	112	72452	19.232 ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.21	131	25286	19.443 ug/l		99
67) Ethyl Benzene	9.25	91	126980	19.025 ug/l		98
68) m/p-Xylenes	9.38	106	95324	39.045 ug/l		100
69) o-Xylene	9.78	106	45216	19.489 ug/l		99
70) Styrene	9.79	104	74702	18.732 ug/l		99
71) Bromoform	9.96	173	19859	18.980 ug/l	#	99
73) Isopropylbenzene	10.17	105	122933	18.772 ug/l		99
74) N-amyl acetate	10.02	43	69934	18.654 ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.46	83	49213	19.138 ug/l		98
76) 1,2,3-Trichloropropane	10.49	75	43383m	18.560 ug/l		
77) Bromobenzene	10.45	156	29346	19.281 ug/l		99
78) n-propylbenzene	10.59	91	153523	19.509 ug/l		99
79) 2-Chlorotoluene	10.66	91	90366	19.019 ug/l		100
80) 1,3,5-Trimethylbenzene	10.77	105	104357	19.573 ug/l		99
81) trans-1,4-Dichloro-2-buten	10.51	75	16101m	18.028 ug/l		
82) 4-Chlorotoluene	10.77	91	105891	19.639 ug/l		100
83) tert-Butylbenzene	11.10	119	97143	18.847 ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	107270	19.696 ug/l		100
85) sec-Butylbenzene	11.32	105	126331	19.452 ug/l		99
86) p-Isopropyltoluene	11.48	119	108606	19.532 ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	55687	19.323 ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	56306	19.119 ug/l		97
89) n-Butylbenzene	11.89	91	105123	19.070 ug/l		98
90) Hexachloroethane	12.15	117	19573	18.674 ug/l		97
91) 1,2-Dichlorobenzene	11.88	146	54740	19.513 ug/l		100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11226	19.698 ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	36882	20.319	ug/l	99
94) Hexachlorobutadiene	13.69	225	18570	20.249	ug/l	98
95) Naphthalene	13.74	128	117709	18.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	38665	20.446	ug/l	99

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

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