

Data File : VU025310.D
Acq On : 11 Jul 2018 13:25
Operator : MD/SY
Sample : VU0711WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:17 AM

Quant Time: Jul 12 03:48:41 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	210831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303946	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	144658	44.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.32%	
35) Dibromofluoromethane	4.89	113	119845	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	7.57	98	395757	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	10.31	95	163497	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39969	18.318	ug/l	99
3) Chloromethane	1.33	50	40898	19.164	ug/l	99
4) Vinyl Chloride	1.40	62	44457	18.542	ug/l	99
5) Bromomethane	1.62	94	28409	20.005	ug/l	99
6) Chloroethane	1.70	64	29538	19.550	ug/l	96
7) Trichlorofluoromethane	1.89	101	73015	19.377	ug/l	100
8) Diethyl Ether	2.10	74	28480	20.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	46283	19.820	ug/l	99
10) Methyl Iodide	2.41	142	41091	21.004	ug/l	98
11) Tert butyl alcohol	2.82	59	66043	92.425	ug/l	98
12) 1,1-Dichloroethene	2.28	96	41475	19.407	ug/l	95
13) Acrolein	2.19	56	25750	54.472	ug/l	100
14) Allyl chloride	2.59	41	68532	17.682	ug/l	97
15) Acrylonitrile	2.94	53	141421	96.264	ug/l	99
16) Acetone	2.32	43	166386	102.475	ug/l	100
17) Carbon Disulfide	2.48	76	103078	17.798	ug/l	100
18) Methyl Acetate	2.62	43	69959	20.861	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	165084	20.308	ug/l	96
20) Methylene Chloride	2.71	84	53010	21.322	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	44317	18.146	ug/l	97
22) Diisopropyl ether	3.57	45	157364	19.881	ug/l	97
23) Vinyl Acetate	3.53	43	681682	98.175	ug/l	99
24) 1,1-Dichloroethane	3.45	63	92020	20.614	ug/l	99
25) 2-Butanone	4.26	43	219281	96.585	ug/l	100
26) 2,2-Dichloropropane	4.23	77	84821	19.762	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	54385	19.246	ug/l	99
28) Bromochloromethane	4.55	49	44477	20.634	ug/l	100
29) Tetrahydrofuran	4.64	42	130375	95.739	ug/l	99
30) Chloroform	4.68	83	95441	20.189	ug/l	98
31) Cyclohexane	5.00	56	79491	19.672	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	86356	20.157	ug/l	99
36) 1,1-Dichloropropene	5.14	75	64399	19.058	ug/l	99
37) Ethyl Acetate	4.38	43	76493	20.298	ug/l	100
38) Carbon Tetrachloride	5.14	117	74859	20.583	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	81752	19.396	ug/l	100
40) Benzene	5.39	78	193185	19.839	ug/l	98
41) Methacrylonitrile	4.55	41	42902	20.534	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80793	20.872	ug/l	99
43) Isopropyl Acetate	5.55	43	123898	20.531	ug/l	99
44) Trichloroethene	6.19	130	54490	19.488	ug/l	99
45) 1,2-Dichloropropane	6.44	63	52562	20.608	ug/l	97
46) Dibromomethane	6.56	93	38198	20.580	ug/l	97
47) Bromodichloromethane	6.76	83	71560	20.754	ug/l	99
48) Methyl methacrylate	6.63	41	62174	20.666	ug/l	99
49) 1,4-Dioxane	6.62	88	24888	343.803	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	392520	100.073	ug/l	100
52) Toluene	7.64	92	127985	20.658	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	74949	19.784	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	80546	19.977	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	51793	20.073	ug/l	98
56) Ethyl methacrylate	8.02	69	82526	20.478	ug/l	99
57) 1,3-Dichloropropane	8.25	76	86864	20.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	143318	80.113	ug/l	100
59) 2-Hexanone	8.36	43	313909	98.666	ug/l	99
60) Dibromochloromethane	8.48	129	56766	20.372	ug/l	100
61) 1,2-Dibromoethane	8.59	107	57407	20.794	ug/l	98
64) Tetrachloroethene	8.23	164	50337	19.379	ug/l	99
65) Chlorobenzene	9.12	112	145576	20.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53713	21.095	ug/l	98
67) Ethyl Benzene	9.25	91	246296	20.295	ug/l	99
68) m/p-Xylenes	9.38	106	192953	41.126	ug/l	100
69) o-Xylene	9.78	106	96167	20.473	ug/l	97
70) Styrene	9.80	104	151149	20.258	ug/l	100
71) Bromoform	9.96	173	44939	21.173	ug/l #	98
73) Isopropylbenzene	10.17	105	260070	20.342	ug/l	100
74) N-amyl acetate	10.01	43	105421	20.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	84759	20.264	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	75992m	22.498	ug/l	
77) Bromobenzene	10.45	156	66964	20.474	ug/l	99
78) n-propylbenzene	10.59	91	286219	20.175	ug/l	100
79) 2-Chlorotoluene	10.66	91	175838	21.668	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	221485	20.588	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	24986m	18.743	ug/l	
82) 4-Chlorotoluene	10.78	91	199769	19.886	ug/l	99
83) tert-Butylbenzene	11.10	119	223385	20.549	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	221413	20.082	ug/l	100
85) sec-Butylbenzene	11.33	105	262936	20.542	ug/l	99
86) p-Isopropyltoluene	11.48	119	232107	20.479	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	116404	19.474	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	117489	21.012	ug/l	98
89) n-Butylbenzene	11.89	91	180093	19.330	ug/l	99
90) Hexachloroethane	12.15	117	37338	19.456	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	121261	20.087	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20194	19.906	ug/l	97

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71476	19.804	ug/l	99
94) Hexachlorobutadiene	13.70	225	42550	19.708	ug/l	98
95) Naphthalene	13.75	128	221403	19.565	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74479	19.758	ug/l	98

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

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