

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027596.D
 Acq On : 11 Oct 2018 14:10
 Operator : MD/SY
 Sample : VU1011WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:00 PM

Quant Time: Oct 12 09:45:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	109398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	188875	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	88922	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	4.89	113	61663	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	7.57	98	252649	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	10.31	95	88646	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	25132	21.12	ug/l	98
3) Chloromethane	1.33	50	38324	20.56	ug/l	99
4) Vinyl Chloride	1.40	62	37343	21.31	ug/l	99
5) Bromomethane	1.62	94	20278	21.32	ug/l	99
6) Chloroethane	1.70	64	22049	19.79	ug/l	97
7) Trichlorofluoromethane	1.88	101	40094	20.48	ug/l	97
8) Diethyl Ether	2.11	74	18456	20.90	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23125	20.20	ug/l	98
10) Methyl Iodide	2.41	142	19012	16.63	ug/l	97
11) Tert butyl alcohol	2.83	59	42049	101.88	ug/l	99
12) 1,1-Dichloroethene	2.28	96	22682	20.20	ug/l	97
13) Acrolein	2.20	56	33016	100.83	ug/l	99
14) Allyl chloride	2.59	41	51396	18.87	ug/l	98
15) Acrylonitrile	2.94	53	103641	105.63	ug/l	99
16) Acetone	2.32	43	96631	93.60	ug/l	99
17) Carbon Disulfide	2.48	76	75144	19.52	ug/l	99
18) Methyl Acetate	2.62	43	53128	20.58	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	90850	21.03	ug/l	99
20) Methylene Chloride	2.70	84	28748	19.67	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	24984	20.13	ug/l	98
22) Diisopropyl ether	3.58	45	110220	21.13	ug/l	95
23) Vinyl Acetate	3.53	43	472481	107.08	ug/l	99
24) 1,1-Dichloroethane	3.45	63	56638	20.51	ug/l	99
25) 2-Butanone	4.27	43	151796	103.76	ug/l	99
26) 2,2-Dichloropropane	4.23	77	43814	19.79	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	28346	20.60	ug/l	99
28) Bromochloromethane	4.55	49	28978	21.27	ug/l	96
29) Tetrahydrofuran	4.64	42	99139	108.06	ug/l	100
30) Chloroform	4.68	83	50795	20.69	ug/l	99
31) Cyclohexane	5.00	56	54740	20.11	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	42699	20.61	ug/l	99
36) 1,1-Dichloropropene	5.14	75	39183	20.42	ug/l	98
37) Ethyl Acetate	4.39	43	55643	20.20	ug/l	99
38) Carbon Tetrachloride	5.14	117	35536	20.09	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	43268	19.99	ug/l	99
40) Benzene	5.39	78	116662	20.11	ug/l	100
41) Methacrylonitrile	4.55	41	30158	20.08	ug/l	98
42) 1,2-Dichloroethane	5.41	62	44105	20.57	ug/l	100
43) Isopropyl Acetate	5.55	43	84405	21.19	ug/l	99
44) Trichloroethene	6.19	130	25244	19.71	ug/l	96
45) 1,2-Dichloropropane	6.43	63	33912	20.54	ug/l	96
46) Dibromomethane	6.56	93	19897	20.47	ug/l	98
47) Bromodichloromethane	6.76	83	39305	20.11	ug/l	100
48) Methyl methacrylate	6.63	41	41092	19.75	ug/l	99
49) 1,4-Dioxane	6.62	88	16388	429.95	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	289078	107.94	ug/l	99
52) Toluene	7.64	92	72045	21.71	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	46486	20.89	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	51522	21.27	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	29029	21.20	ug/l	96
56) Ethyl methacrylate	8.02	69	47406	20.12	ug/l	99
57) 1,3-Dichloropropane	8.24	76	56155	21.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	139970	102.94	ug/l	100
59) 2-Hexanone	8.36	43	223072	106.77	ug/l	100
60) Dibromochloromethane	8.48	129	29267	21.38	ug/l	99
61) 1,2-Dibromoethane	8.59	107	30321	21.02	ug/l	99
64) Tetrachloroethene	8.23	164	22768	19.71	ug/l	97
65) Chlorobenzene	9.12	112	74537	19.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26501	20.09	ug/l	99
67) Ethyl Benzene	9.25	91	130402	19.70	ug/l	99
68) m/p-Xylenes	9.38	106	98497	40.76	ug/l	99
69) o-Xylene	9.78	106	47730	20.32	ug/l	98
70) Styrene	9.79	104	77138	18.62	ug/l	100
71) Bromoform	9.96	173	21122	19.26	ug/l #	100
73) Isopropylbenzene	10.17	105	129020	21.49	ug/l	99
74) N-amyl acetate	10.02	43	73573	20.78	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	50642	19.61	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	42744m	19.21	ug/l	
77) Bromobenzene	10.46	156	29984	20.39	ug/l	97
78) n-propylbenzene	10.59	91	149372	20.50	ug/l	100
79) 2-Chlorotoluene	10.66	91	91445	20.45	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	106724	19.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	17087m	17.76	ug/l	
82) 4-Chlorotoluene	10.77	91	102102	20.44	ug/l	98
83) tert-Butylbenzene	11.10	119	101804	20.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	107839	19.68	ug/l	99
85) sec-Butylbenzene	11.32	105	126150	19.67	ug/l	100
86) p-Isopropyltoluene	11.48	119	107540	19.41	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	54299	19.88	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	55576	19.22	ug/l	99
89) n-Butylbenzene	11.89	91	92122	18.18	ug/l	99
90) Hexachloroethane	12.15	117	19743	19.89	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	55256	20.07	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11247	19.92	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	33647	18.69	ug/l	100
94) Hexachlorobutadiene	13.69	225	17609	19.93	ug/l	99
95) Naphthalene	13.74	128	118194	18.70	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	35699	19.69	ug/l	97

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

