

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024868.D
 Acq On : 25 Jun 2018 12:29
 Operator : MD/SY
 Sample : VU0625WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBS01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:18:55 AM

Quant Time: Jun 26 05:33:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271767	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	251038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	139385	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	4.89	113	112408	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	7.57	98	389112	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
62) 4-Bromofluorobenzene	10.31	95	153036	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39492	17.51	ug/l	99
3) Chloromethane	1.33	50	39266	17.04	ug/l	97
4) Vinyl Chloride	1.40	62	42777	18.00	ug/l	98
5) Bromomethane	1.62	94	27762	24.17	ug/l	95
6) Chloroethane	1.70	64	29150	21.35	ug/l	100
7) Trichlorofluoromethane	1.89	101	72102	19.88	ug/l	97
8) Diethyl Ether	2.10	74	26640	20.47	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42001	18.67	ug/l	98
10) Methyl Iodide	2.41	142	30720	19.72	ug/l	99
11) Tert butyl alcohol	2.82	59	62823	87.81	ug/l	100
12) 1,1-Dichloroethene	2.28	96	38023	18.53	ug/l	93
13) Acrolein	2.19	56	29057	77.34	ug/l	96
14) Allyl chloride	2.60	41	65477	17.19	ug/l	97
15) Acrylonitrile	2.93	53	130403	93.68	ug/l	99
16) Acetone	2.32	43	148336	93.85	ug/l	99
17) Carbon Disulfide	2.48	76	103771	15.79	ug/l	99
18) Methyl Acetate	2.62	43	70889	20.92	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	150205	19.48	ug/l	97
20) Methylene Chloride	2.70	84	46313	18.67	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	41075	18.18	ug/l	97
22) Diisopropyl ether	3.57	45	146161	19.35	ug/l	92
23) Vinyl Acetate	3.53	43	637684	94.26	ug/l	98
24) 1,1-Dichloroethane	3.45	63	82355	18.96	ug/l	98
25) 2-Butanone	4.26	43	202088	95.19	ug/l	98
26) 2,2-Dichloropropane	4.23	77	80583	19.53	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	50576	19.47	ug/l	100
28) Bromochloromethane	4.55	49	35744	18.68	ug/l	87
29) Tetrahydrofuran	4.64	42	120733	91.83	ug/l	97
30) Chloroform	4.68	83	86371	19.64	ug/l	99
31) Cyclohexane	5.00	56	75796	18.40	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	78896	19.40	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60596	18.97	ug/l	98
37) Ethyl Acetate	4.38	43	71517	20.55	ug/l	97
38) Carbon Tetrachloride	5.14	117	69175	19.70	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	76964	19.31	ug/l	94
40) Benzene	5.39	78	180663	19.85	ug/l	99
41) Methacrylonitrile	4.54	41	38911	20.73	ug/l	96
42) 1,2-Dichloroethane	5.41	62	71012	20.49	ug/l	99
43) Isopropyl Acetate	5.55	43	116706	19.40	ug/l	99
44) Trichloroethene	6.19	130	49865	19.25	ug/l	94
45) 1,2-Dichloropropane	6.44	63	49458	20.37	ug/l	99
46) Dibromomethane	6.56	93	35245	20.67	ug/l	97
47) Bromodichloromethane	6.76	83	67842	19.98	ug/l	98
48) Methyl methacrylate	6.63	41	58706	20.04	ug/l	96
49) 1,4-Dioxane	6.62	88	27435	478.85	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	379271	100.34	ug/l	99
52) Toluene	7.64	92	116478	19.90	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	74463	19.52	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	76470	18.82	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48503	20.38	ug/l	96
56) Ethyl methacrylate	8.02	69	78953	19.82	ug/l	97
57) 1,3-Dichloropropane	8.25	76	82315	20.50	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	90941	59.60	ug/l	95
59) 2-Hexanone	8.36	43	305044	98.85	ug/l	100
60) Dibromochloromethane	8.48	129	56040	18.88	ug/l	99
61) 1,2-Dibromoethane	8.59	107	51963	19.62	ug/l	98
64) Tetrachloroethene	8.23	164	44720	18.74	ug/l	98
65) Chlorobenzene	9.12	112	129938	20.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51103	20.97	ug/l	99
67) Ethyl Benzene	9.25	91	227321	20.22	ug/l	99
68) m/p-Xylenes	9.38	106	174373	40.39	ug/l	98
69) o-Xylene	9.78	106	87727	20.53	ug/l	96
70) Styrene	9.80	104	140083	19.95	ug/l	98
71) Bromoform	9.96	173	43545	18.80	ug/l	# 100
73) Isopropylbenzene	10.17	105	235769	21.00	ug/l	99
74) N-amyl acetate	10.01	43	103923	19.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81641	21.70	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	76282m	23.69	ug/l	
77) Bromobenzene	10.45	156	59945	21.09	ug/l	95
78) n-propylbenzene	10.59	91	264047	19.96	ug/l	97
79) 2-Chlorotoluene	10.66	91	162001	20.77	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	201372	20.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24738m	17.78	ug/l	
82) 4-Chlorotoluene	10.78	91	185617	20.45	ug/l	98
83) tert-Butylbenzene	11.10	119	204147	21.81	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205072	20.68	ug/l	99
85) sec-Butylbenzene	11.33	105	239912	20.47	ug/l	98
86) p-Isopropyltoluene	11.48	119	213496	20.34	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	108764	20.71	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	107196	20.28	ug/l	99
89) n-Butylbenzene	11.89	91	172422	18.51	ug/l	98
90) Hexachloroethane	12.15	117	39808	19.44	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113228	21.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20348	19.60	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70536	21.71	ug/l	99
94) Hexachlorobutadiene	13.70	225	38395	21.00	ug/l	98
95) Naphthalene	13.74	128	232471	22.00	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75411	23.30	ug/l	99

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

