

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027141.D
 Acq On : 25 Sep 2018 21:26
 Operator : MD/SY
 Sample : VU0926WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:33:16 PM

Quant Time: Sep 26 06:47:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	76703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133061	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	83603	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	4.88	113	58132	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	7.57	98	219960	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	10.31	95	76986	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	17205	17.180	ug/l	97
3) Chloromethane	1.33	50	30728	17.797	ug/l	98
4) Vinyl Chloride	1.40	62	29013	18.001	ug/l	99
5) Bromomethane	1.62	94	15118	16.472	ug/l	98
6) Chloroethane	1.70	64	19623	19.055	ug/l	98
7) Trichlorofluoromethane	1.89	101	32961	18.006	ug/l	98
8) Diethyl Ether	2.11	74	16522	18.752	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	20251	17.992	ug/l	98
10) Methyl Iodide	2.41	142	13262	9.500	ug/l	98
11) Tert butyl alcohol	2.83	59	38428	108.601	ug/l	100
12) 1,1-Dichloroethene	2.28	96	19431	18.342	ug/l	95
13) Acrolein	2.20	56	13779	72.238	ug/l	98
14) Allyl chloride	2.59	41	44879	20.887	ug/l	97
15) Acrylonitrile	2.94	53	95970	107.611	ug/l	98
16) Acetone	2.32	43	89282	98.845	ug/l	100
17) Carbon Disulfide	2.48	76	58511	16.954	ug/l	99
18) Methyl Acetate	2.62	43	51909	23.624	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	81733	20.995	ug/l	100
20) Methylene Chloride	2.70	84	26223	18.967	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	20943	18.516	ug/l	96
22) Diisopropyl ether	3.58	45	103427	22.505	ug/l	98
23) Vinyl Acetate	3.53	43	423650	108.140	ug/l	98
24) 1,1-Dichloroethane	3.45	63	51906	20.506	ug/l	99
25) 2-Butanone	4.27	43	139090	107.209	ug/l	96
26) 2,2-Dichloropropane	4.23	77	35770	18.120	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	25323	19.825	ug/l	98
28) Bromochloromethane	4.55	49	28651	23.481	ug/l	93
29) Tetrahydrofuran	4.64	42	89214	113.674	ug/l	96
30) Chloroform	4.67	83	47687	20.296	ug/l	99
31) Cyclohexane	5.00	56	44991	19.199	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	38150	20.336	ug/l	99
36) 1,1-Dichloropropene	5.14	75	33210	18.701	ug/l	98
37) Ethyl Acetate	4.39	43	50519	21.014	ug/l	98
38) Carbon Tetrachloride	5.14	117	31972	18.919	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	35282	18.282	ug/l	95
40) Benzene	5.39	78	102310	18.951	ug/l	99
41) Methacrylonitrile	4.54	41	27132	21.731	ug/l	96
42) 1,2-Dichloroethane	5.41	62	40715	19.962	ug/l	100
43) Isopropyl Acetate	5.55	43	75334	21.487	ug/l	97
44) Trichloroethene	6.19	130	21790	18.959	ug/l	98
45) 1,2-Dichloropropane	6.44	63	31018	20.165	ug/l	96
46) Dibromomethane	6.56	93	17784	19.143	ug/l	98
47) Bromodichloromethane	6.76	83	35921	19.122	ug/l	98
48) Methyl methacrylate	6.63	41	36692	19.851	ug/l	96
49) 1,4-Dioxane	6.61	88	14760	388.421	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	262997	111.534	ug/l	97
52) Toluene	7.64	92	60566	19.572	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	40031	19.834	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	43226	19.478	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	25981	19.815	ug/l	98
56) Ethyl methacrylate	8.02	69	39626	18.847	ug/l	96
57) 1,3-Dichloropropane	8.24	76	49253	20.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	119431	95.563	ug/l	98
59) 2-Hexanone	8.36	43	196546	106.484	ug/l	97
60) Dibromochloromethane	8.48	129	25057	19.482	ug/l	98
61) 1,2-Dibromoethane	8.59	107	25892	18.979	ug/l	97
64) Tetrachloroethene	8.23	164	18512	18.397	ug/l	98
65) Chlorobenzene	9.12	112	63392	18.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	22746	19.073	ug/l	99
67) Ethyl Benzene	9.25	91	107427	18.868	ug/l	99
68) m/p-Xylenes	9.38	106	79733	35.561	ug/l	96
69) o-Xylene	9.78	106	38717	19.193	ug/l	97
70) Styrene	9.79	104	63606	18.085	ug/l	99
71) Bromoform	9.96	173	18010	19.529	ug/l #	98
73) Isopropylbenzene	10.17	105	104859	20.088	ug/l	100
74) N-amyl acetate	10.02	43	62305	20.620	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	45844	19.101	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	41521m	19.917	ug/l	
77) Bromobenzene	10.45	156	24348	19.087	ug/l	94
78) n-propylbenzene	10.59	91	124705	20.190	ug/l	98
79) 2-Chlorotoluene	10.66	91	77578	19.996	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	87173	20.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	11544m	17.721	ug/l	
82) 4-Chlorotoluene	10.77	91	87443	20.101	ug/l	99
83) tert-Butylbenzene	11.10	119	82868	19.452	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	88769	20.243	ug/l	100
85) sec-Butylbenzene	11.32	105	105216	20.232	ug/l	97
86) p-Isopropyltoluene	11.48	119	87398	18.506	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	44877	18.905	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	45359	17.532	ug/l	98
89) n-Butylbenzene	11.89	91	76577	17.806	ug/l	99
90) Hexachloroethane	12.15	117	16966	17.941	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	45795	18.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10039	20.504	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	26433	18.191	ug/l	98
94) Hexachlorobutadiene	13.69	225	14348	18.662	ug/l	99
95) Naphthalene	13.74	128	93807	17.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	29141	18.701	ug/l	99

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

