

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028057.D
 Acq On : 12 Nov 2018 12:08
 Operator : MD/SY
 Sample : VU1112WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:12:44 PM

Quant Time: Nov 13 03:00:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	164945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287717	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	266796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	127092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138056	56.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.60%	
35) Dibromofluoromethane	4.88	113	100657	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	7.57	98	388561	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
62) 4-Bromofluorobenzene	10.31	95	143233	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	35625	16.997	ug/l	100
3) Chloromethane	1.33	50	55705	21.976	ug/l	96
4) Vinyl Chloride	1.41	62	51234	20.365	ug/l	100
5) Bromomethane	1.61	94	26864	28.267	ug/l	98
6) Chloroethane	1.69	64	32605	22.489	ug/l	100
7) Trichlorofluoromethane	1.88	101	62143	21.376	ug/l	98
8) Diethyl Ether	2.10	74	27206	21.856	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36035	20.865	ug/l	98
10) Methyl Iodide	2.41	142	35078	26.443	ug/l	98
11) Tert butyl alcohol	2.83	59	61633	94.935	ug/l	100
12) 1,1-Dichloroethene	2.28	96	33732	19.513	ug/l	96
13) Acrolein	2.20	56	15777	60.928	ug/l	98
14) Allyl chloride	2.59	41	86924	20.573	ug/l	97
15) Acrylonitrile	2.94	53	165515	103.789	ug/l	99
16) Acetone	2.32	43	154838	101.766	ug/l	98
17) Carbon Disulfide	2.48	76	110638	19.580	ug/l	99
18) Methyl Acetate	2.61	43	89736	21.440	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	147670	21.182	ug/l	95
20) Methylene Chloride	2.70	84	47671	21.459	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	41011	20.557	ug/l	97
22) Diisopropyl ether	3.57	45	189741	21.752	ug/l	98
23) Vinyl Acetate	3.52	43	797139	106.334	ug/l	100
24) 1,1-Dichloroethane	3.45	63	92123	21.203	ug/l	99
25) 2-Butanone	4.26	43	245744	101.523	ug/l	99
26) 2,2-Dichloropropane	4.23	77	71644	21.973	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	47944	21.431	ug/l	95
28) Bromochloromethane	4.55	49	45607	22.391	ug/l	97
29) Tetrahydrofuran	4.64	42	155579	96.255	ug/l	99
30) Chloroform	4.68	83	86230	21.645	ug/l	95
31) Cyclohexane	4.99	56	90188	20.144	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	68599	21.632	ug/l	98
36) 1,1-Dichloropropene	5.14	75	62080	20.602	ug/l	100
37) Ethyl Acetate	4.38	43	87674	19.857	ug/l	100
38) Carbon Tetrachloride	5.13	117	55542	20.799	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	77316	21.273	ug/l	99
40) Benzene	5.39	78	193691	21.024	ug/l	100
41) Methacrylonitrile	4.54	41	50332	21.361	ug/l	99
42) 1,2-Dichloroethane	5.41	62	69947	21.359	ug/l	100
43) Isopropyl Acetate	5.55	43	140761	20.349	ug/l	99
44) Trichloroethene	6.19	130	41899	21.157	ug/l	98
45) 1,2-Dichloropropane	6.43	63	58127	21.877	ug/l	99
46) Dibromomethane	6.56	93	33534	21.957	ug/l	94
47) Bromodichloromethane	6.76	83	64543	21.930	ug/l	99
48) Methyl methacrylate	6.62	41	71555	21.109	ug/l	99
49) 1,4-Dioxane	6.61	88	25669	464.136	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	461689	99.940	ug/l	99
52) Toluene	7.64	92	113385	20.934	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	73537	20.816	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	79855	22.009	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47539	21.574	ug/l	95
56) Ethyl methacrylate	8.02	69	80312	20.667	ug/l	95
57) 1,3-Dichloropropane	8.24	76	88307	22.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	211428	101.588	ug/l	99
59) 2-Hexanone	8.36	43	359572	100.636	ug/l	100
60) Dibromochloromethane	8.48	129	45030	21.595	ug/l	99
61) 1,2-Dibromoethane	8.59	107	49589	21.179	ug/l	99
64) Tetrachloroethene	8.23	164	37186	21.495	ug/l	97
65) Chlorobenzene	9.12	112	118451	21.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	40773	21.177	ug/l	98
67) Ethyl Benzene	9.25	91	218825	21.091	ug/l	99
68) m/p-Xylenes	9.38	106	157866	41.935	ug/l	95
69) o-Xylene	9.78	106	79665	20.957	ug/l	99
70) Styrene	9.79	104	128330	21.128	ug/l	98
71) Bromoform	9.96	173	32787	20.320	ug/l #	99
73) Isopropylbenzene	10.17	105	213122	21.646	ug/l	100
74) N-amyl acetate	10.01	43	128256	21.543	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	86094	21.678	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	74102m	21.316	ug/l	
77) Bromobenzene	10.45	156	48551	21.505	ug/l	97
78) n-propylbenzene	10.59	91	253562	21.515	ug/l	100
79) 2-Chlorotoluene	10.66	91	152699	21.616	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	178419	21.876	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22897m	16.622	ug/l	
82) 4-Chlorotoluene	10.77	91	171682	21.408	ug/l	98
83) tert-Butylbenzene	11.10	119	171059	20.979	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	180042	21.922	ug/l	100
85) sec-Butylbenzene	11.32	105	215640	21.746	ug/l	99
86) p-Isopropyltoluene	11.48	119	178548	21.539	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	89087	21.361	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	87724	20.522	ug/l	99
89) n-Butylbenzene	11.89	91	164897	20.930	ug/l	99
90) Hexachloroethane	12.15	117	32551	22.055	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	89077	21.239	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	16927	20.227	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	52928	18.433	ug/l	97
94) Hexachlorobutadiene	13.69	225	28420	21.321	ug/l	98
95) Naphthalene	13.74	128	189555	18.067	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	57409	20.399	ug/l	99

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

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