

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU029005.D
 Acq On : 03 Jan 2019 18:25
 Operator : MD/SY
 Sample : VU0103WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0103WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:51:28 AM

Quant Time: Jan 04 08:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	127234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	214015	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94292	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	80036	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	4.88	113	69240	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	7.56	98	271735	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	10.30	95	94057	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	25539	20.240	ug/l	96
3) Chloromethane	1.33	50	40289	19.580	ug/l	100
4) Vinyl Chloride	1.40	62	36546	19.654	ug/l	100
5) Bromomethane	1.61	94	20764	19.891	ug/l	98
6) Chloroethane	1.69	64	22775	20.563	ug/l	98
7) Trichlorofluoromethane	1.88	101	40561	20.018	ug/l	100
8) Diethyl Ether	2.10	74	19520	20.053	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	26288	19.390	ug/l	98
10) Methyl Iodide	2.41	142	27143	21.293	ug/l	99
11) Tert butyl alcohol	2.83	59	38503	96.306	ug/l	98
12) 1,1-Dichloroethene	2.28	96	26899	20.384	ug/l	98
13) Acrolein	2.19	56	29106	96.954	ug/l	99
14) Allyl chloride	2.59	41	44839	18.519	ug/l	92
15) Acrylonitrile	2.94	53	98660	100.587	ug/l	99
16) Acetone	2.32	43	81096	81.846	ug/l	99
17) Carbon Disulfide	2.47	76	87463	19.678	ug/l	99
18) Methyl Acetate	2.61	43	45974	19.955	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	92842	20.012	ug/l	99
20) Methylene Chloride	2.70	84	32546	19.346	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	29925	19.519	ug/l	97
22) Diisopropyl ether	3.57	45	97916	20.462	ug/l	98
23) Vinyl Acetate	3.52	43	401054	102.519	ug/l	100
24) 1,1-Dichloroethane	3.44	63	55426	20.064	ug/l	99
25) 2-Butanone	4.26	43	128042	95.677	ug/l	99
26) 2,2-Dichloropropane	4.22	77	43146	19.330	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	33912	20.224	ug/l	99
28) Bromochloromethane	4.55	49	24759	20.932	ug/l	99
29) Tetrahydrofuran	4.64	42	81316	100.182	ug/l	99
30) Chloroform	4.67	83	52866	20.093	ug/l	97
31) Cyclohexane	4.99	56	53730	19.929	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	43536	20.025	ug/l	99
36) 1,1-Dichloropropene	5.13	75	40369	18.871	ug/l	100
37) Ethyl Acetate	4.38	43	45879	19.539	ug/l	99
38) Carbon Tetrachloride	5.13	117	34746	19.475	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU029005.D
 Acq On : 03 Jan 2019 18:25
 Operator : MD/SY
 Sample : VU0103WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0103WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:51:28 AM

Quant Time: Jan 04 08:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	49077	18.662	ug/l	99
40) Benzene	5.39	78	131080	19.644	ug/l	100
41) Methacrylonitrile	4.54	41	25042	19.924	ug/l	99
42) 1,2-Dichloroethane	5.40	62	40268	20.083	ug/l	99
43) Isopropyl Acetate	5.55	43	73336	20.360	ug/l	99
44) Trichloroethene	6.19	130	31662	19.151	ug/l	100
45) 1,2-Dichloropropane	6.43	63	34613	19.643	ug/l	100
46) Dibromomethane	6.56	93	22627	20.087	ug/l	97
47) Bromodichloromethane	6.76	83	41201	19.866	ug/l	96
48) Methyl methacrylate	6.62	41	35511	20.247	ug/l	98
49) 1,4-Dioxane	6.61	88	15696	377.631	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	243498	99.332	ug/l	100
52) Toluene	7.64	92	79042	19.458	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	46451	18.644	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	51559	19.152	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	31918	19.613	ug/l	96
56) Ethyl methacrylate	8.02	69	49474	19.733	ug/l	99
57) 1,3-Dichloropropane	8.24	76	55351	19.878	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.12	63	109883	99.660	ug/l	100
59) 2-Hexanone	8.36	43	184277	95.767	ug/l	100
60) Dibromochloromethane	8.48	129	30686	19.033	ug/l	98
61) 1,2-Dibromoethane	8.58	107	33947	19.234	ug/l	98
64) Tetrachloroethene	8.22	164	28670	20.320	ug/l	98
65) Chlorobenzene	9.12	112	84266	19.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	28796	20.211	ug/l	97
67) Ethyl Benzene	9.25	91	145201	19.809	ug/l	98
68) m/p-Xylenes	9.37	106	111964	39.312	ug/l	99
69) o-Xylene	9.78	106	54391	19.820	ug/l	99
70) Styrene	9.79	104	88288	19.625	ug/l	99
71) Bromoform	9.96	173	24539	19.343	ug/l #	100
73) Isopropylbenzene	10.16	105	139726	20.020	ug/l	98
74) N-amyl acetate	10.01	43	61541	20.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	55613	19.882	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	48440m	20.967	ug/l	
77) Bromobenzene	10.45	156	36506	20.072	ug/l	99
78) n-propylbenzene	10.58	91	165397	20.109	ug/l	100
79) 2-Chlorotoluene	10.66	91	99444	19.931	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	116014	19.906	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	16232m	18.120	ug/l	
82) 4-Chlorotoluene	10.77	91	111207	19.438	ug/l	99
83) tert-Butylbenzene	11.10	119	115543	20.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	119107	20.469	ug/l	98
85) sec-Butylbenzene	11.32	105	140330	20.199	ug/l	100
86) p-Isopropyltoluene	11.47	119	118532	20.022	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	63668	19.085	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	63391	18.408	ug/l	97
89) n-Butylbenzene	11.89	91	102901	19.475	ug/l	99
90) Hexachloroethane	12.14	117	18272	18.347	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	63149	18.793	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10731	19.946	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU029005.D
Acq On : 03 Jan 2019 18:25
Operator : MD/SY
Sample : VU0103WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0103WBSD01

Manual Integrations
APPROVED

MMDadoda
1/4/2019 9:51:28 AM

Quant Time: Jan 04 08:05:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39305	18.324	ug/l	97
94) Hexachlorobutadiene	13.69	225	18020	18.367	ug/l	98
95) Naphthalene	13.74	128	136190	18.664	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	41831	19.425	ug/l	99

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

