

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029115.D
 Acq On : 10 Jan 2019 13:51
 Operator : MD/SY
 Sample : VU0110WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:03:43 AM

Quant Time: Jan 11 03:34:40 2019
 Quant Method : Z:\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	143645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	239395	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	221509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.30	65	91515	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	4.88	113	78498	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	7.56	98	309857	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	10.30	95	107364	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	27336	19.189	ug/l	100
3) Chloromethane	1.33	50	41593	17.844	ug/l	99
4) Vinyl Chloride	1.40	62	41215	19.633	ug/l	98
5) Bromomethane	1.62	94	24189	20.627	ug/l	97
6) Chloroethane	1.69	64	24449	19.552	ug/l	98
7) Trichlorofluoromethane	1.88	101	47550	20.787	ug/l	97
8) Diethyl Ether	2.10	74	22204	20.204	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	29851	19.503	ug/l	98
10) Methyl Iodide	2.41	142	31721	22.041	ug/l	99
11) Tert butyl alcohol	2.83	59	50462	111.799	ug/l	100
12) 1,1-Dichloroethene	2.28	96	30744	20.636	ug/l	99
13) Acrolein	2.19	56	30799	90.872	ug/l	100
14) Allyl chloride	2.59	41	49073	17.952	ug/l	89
15) Acrylonitrile	2.93	53	119975	108.344	ug/l	100
16) Acetone	2.32	43	95946	85.770	ug/l	98
17) Carbon Disulfide	2.48	76	91242	18.140	ug/l	100
18) Methyl Acetate	2.62	43	57462	22.092	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	108156	20.649	ug/l	98
20) Methylene Chloride	2.70	84	38193	20.109	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	32640	18.857	ug/l	98
22) Diisopropyl ether	3.57	45	110605	20.473	ug/l	95
23) Vinyl Acetate	3.52	43	450622	102.030	ug/l	99
24) 1,1-Dichloroethane	3.44	63	64432	20.660	ug/l	99
25) 2-Butanone	4.26	43	154932	102.543	ug/l	97
26) 2,2-Dichloropropane	4.22	77	49610	19.687	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	38916	20.557	ug/l	98
28) Bromochloromethane	4.55	49	28097	21.040	ug/l	98
29) Tetrahydrofuran	4.64	42	99767	108.871	ug/l	99
30) Chloroform	4.67	83	61526	20.712	ug/l	96
31) Cyclohexane	4.99	56	59011	19.356	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	51117	20.826	ug/l	98
36) 1,1-Dichloropropene	5.13	75	46107	19.269	ug/l	99
37) Ethyl Acetate	4.38	43	54103	20.599	ug/l	99
38) Carbon Tetrachloride	5.13	117	40732	20.409	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	57293	19.476	ug/l	99
40) Benzene	5.39	78	149897	20.083	ug/l	99
41) Methacrylonitrile	4.54	41	29330	20.861	ug/l	99
42) 1,2-Dichloroethane	5.40	62	46445	20.708	ug/l	99
43) Isopropyl Acetate	5.55	43	85103	21.122	ug/l	100
44) Trichloroethene	6.19	130	35735	19.323	ug/l	96
45) 1,2-Dichloropropane	6.43	63	40003	20.295	ug/l	99
46) Dibromomethane	6.56	93	25236	20.028	ug/l	99
47) Bromodichloromethane	6.76	83	46655	20.110	ug/l	100
48) Methyl methacrylate	6.62	41	40812	20.802	ug/l	97
49) 1,4-Dioxane	6.61	88	20467	440.212	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	288256	105.124	ug/l	100
52) Toluene	7.64	92	90051	19.818	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	54317	19.490	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	59425	19.734	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	38609	21.210	ug/l	99
56) Ethyl methacrylate	8.02	69	56707	20.220	ug/l	99
57) 1,3-Dichloropropane	8.24	76	64058	20.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	127144	103.089	ug/l	98
59) 2-Hexanone	8.36	43	220028	102.224	ug/l	100
60) Dibromochloromethane	8.48	129	35165	19.499	ug/l	98
61) 1,2-Dibromoethane	8.58	107	39967	20.244	ug/l	99
64) Tetrachloroethene	8.22	164	31458	19.715	ug/l	98
65) Chlorobenzene	9.12	112	97387	19.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	33211	20.611	ug/l	98
67) Ethyl Benzene	9.25	91	167612	20.219	ug/l	99
68) m/p-Xylenes	9.37	106	129997	40.360	ug/l	98
69) o-Xylene	9.78	106	64109	20.657	ug/l	98
70) Styrene	9.79	104	100893	19.831	ug/l	99
71) Bromoform	9.96	173	27948	19.480	ug/l #	99
73) Isopropylbenzene	10.16	105	163467	20.765	ug/l	100
74) N-amyl acetate	10.01	43	70359	20.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	64456	20.430	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	55789m	21.409	ug/l	
77) Bromobenzene	10.45	156	41307	20.135	ug/l	100
78) n-propylbenzene	10.58	91	192688	20.770	ug/l	100
79) 2-Chlorotoluene	10.66	91	116675	20.732	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	137000	20.840	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	18961m	18.766	ug/l	
82) 4-Chlorotoluene	10.77	91	129024	19.994	ug/l	99
83) tert-Butylbenzene	11.10	119	132667	20.475	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	141137	21.504	ug/l	99
85) sec-Butylbenzene	11.32	105	163541	20.870	ug/l	100
86) p-Isopropyltoluene	11.48	119	137655	20.615	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	74253	19.733	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	73644	18.960	ug/l	99
89) n-Butylbenzene	11.89	91	124807	20.942	ug/l	100
90) Hexachloroethane	12.14	117	21755	19.367	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	74493	19.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12962	21.360	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	48328	19.975	ug/l	98
94) Hexachlorobutadiene	13.69	225	23646	21.368	ug/l	100
95) Naphthalene	13.74	128	163830	19.906	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	49607	20.384	ug/l	97

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

