

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029198.D
 Acq On : 16 Jan 2019 10:37
 Operator : JC/SP
 Sample : VU0116WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0116WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 9:43:36 AM

Quant Time: Jan 17 01:08:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	176087	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	163741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	70519	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	4.88	113	60034	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	7.56	98	229013	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	10.30	95	79637	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	20809	19.513	ug/l	99
3) Chloromethane	1.33	50	31180	17.869	ug/l	98
4) Vinyl Chloride	1.40	62	31898	20.297	ug/l	96
5) Bromomethane	1.62	94	18268	20.838	ug/l	98
6) Chloroethane	1.69	64	19250	20.564	ug/l	99
7) Trichlorofluoromethane	1.88	101	35655	20.821	ug/l	99
8) Diethyl Ether	2.10	74	17619	21.416	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22459	19.601	ug/l	96
10) Methyl Iodide	2.41	142	24107	22.376	ug/l	99
11) Tert butyl alcohol	2.82	59	38925	115.197	ug/l	98
12) 1,1-Dichloroethene	2.28	96	21073	18.895	ug/l	95
13) Acrolein	2.19	56	20420	80.480	ug/l	100
14) Allyl chloride	2.59	41	40314	19.700	ug/l	91
15) Acrylonitrile	2.93	53	96506	116.415	ug/l	100
16) Acetone	2.32	43	90768	108.388	ug/l	98
17) Carbon Disulfide	2.48	76	68986	18.326	ug/l	100
18) Methyl Acetate	2.61	43	48389	24.851	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	84594	21.574	ug/l	99
20) Methylene Chloride	2.70	84	29360	20.649	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	25660	19.803	ug/l	96
22) Diisopropyl ether	3.57	45	90161	22.293	ug/l	96
23) Vinyl Acetate	3.52	43	365495	110.545	ug/l	100
24) 1,1-Dichloroethane	3.44	63	51738	22.160	ug/l	99
25) 2-Butanone	4.26	43	133659	118.170	ug/l	99
26) 2,2-Dichloropropane	4.22	77	42037	22.283	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	30488	21.513	ug/l	98
28) Bromochloromethane	4.55	49	22492	22.498	ug/l	96
29) Tetrahydrofuran	4.64	42	79763	116.270	ug/l	99
30) Chloroform	4.67	83	50512	22.715	ug/l	98
31) Cyclohexane	4.99	56	46990	20.662	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	40245	21.903	ug/l	97
36) 1,1-Dichloropropene	5.13	75	35677	20.270	ug/l	99
37) Ethyl Acetate	4.38	43	43881	22.713	ug/l	99
38) Carbon Tetrachloride	5.13	117	33071	22.528	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	43006	19.875	ug/l	99
40) Benzene	5.39	78	116972	21.306	ug/l	99
41) Methacrylonitrile	4.54	41	23516	22.739	ug/l	99
42) 1,2-Dichloroethane	5.40	62	37451	22.701	ug/l	97
43) Isopropyl Acetate	5.55	43	67596	22.809	ug/l	99
44) Trichloroethene	6.19	130	27797	20.434	ug/l	96
45) 1,2-Dichloropropane	6.43	63	32922	22.708	ug/l	96
46) Dibromomethane	6.56	93	20250	21.849	ug/l	99
47) Bromodichloromethane	6.75	83	38393	22.499	ug/l	100
48) Methyl methacrylate	6.62	41	33456	23.184	ug/l	99
49) 1,4-Dioxane	6.61	88	16237	474.789	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	235909	116.965	ug/l	99
52) Toluene	7.64	92	71359	21.351	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	43840	21.387	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	48420	21.860	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	30222	22.571	ug/l	98
56) Ethyl methacrylate	8.02	69	44039	21.349	ug/l	97
57) 1,3-Dichloropropane	8.24	76	51124	22.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	88841	97.931	ug/l	99
59) 2-Hexanone	8.36	43	185382	117.093	ug/l	98
60) Dibromochloromethane	8.48	129	28975	21.843	ug/l	98
61) 1,2-Dibromoethane	8.58	107	32274	22.225	ug/l	99
64) Tetrachloroethene	8.22	164	25269	21.423	ug/l	98
65) Chlorobenzene	9.12	112	77024	20.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	27181	22.820	ug/l	98
67) Ethyl Benzene	9.25	91	131010	21.380	ug/l	100
68) m/p-Xylenes	9.37	106	99446	41.767	ug/l	100
69) o-Xylene	9.78	106	47990	20.919	ug/l	99
70) Styrene	9.79	104	79016	21.010	ug/l	100
71) Bromoform	9.95	173	23751	22.395	ug/l #	98
73) Isopropylbenzene	10.16	105	126884	21.347	ug/l	100
74) N-amyl acetate	10.01	43	56793	22.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	52450	22.017	ug/l	97
76) 1,2,3-Trichloropropane	10.49	75	45037m	22.890	ug/l	
77) Bromobenzene	10.45	156	32029	20.678	ug/l	97
78) n-propylbenzene	10.58	91	151702	21.657	ug/l	99
79) 2-Chlorotoluene	10.66	91	91046	21.427	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	107040	21.565	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	14693m	19.259	ug/l	
82) 4-Chlorotoluene	10.77	91	102844	21.108	ug/l	98
83) tert-Butylbenzene	11.10	119	103826	21.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	108595	21.914	ug/l	100
85) sec-Butylbenzene	11.32	105	128874	21.782	ug/l	100
86) p-Isopropyltoluene	11.47	119	108951	21.610	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	57300	20.168	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	59906	20.427	ug/l	99
89) n-Butylbenzene	11.89	91	99101	22.023	ug/l	99
90) Hexachloroethane	12.14	117	18428	21.727	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	58983	20.611	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10578	23.087	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	37772	20.677	ug/l	98
94) Hexachlorobutadiene	13.69	225	18840	22.548	ug/l	97
95) Naphthalene	13.74	128	121359	19.529	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	39411	21.407	ug/l	98

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

