

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU029013.D
 Acq On : 03 Jan 2019 21:38
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:51:31 AM

Quant Time: Jan 04 08:27:16 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	129148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	219026	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	203745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82740	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	4.88	113	70104	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	7.57	98	276303	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	10.30	95	98573	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.21	85	64352	50.245	ug/l	97
3) Chloromethane	1.33	50	102531	50.158	ug/l	99
4) Vinyl Chloride	1.40	62	95738	50.724	ug/l	99
5) Bromomethane	1.61	94	56624	58.893	ug/l	97
6) Chloroethane	1.68	64	55673	49.521	ug/l	99
7) Trichlorofluoromethane	1.88	101	101178	49.195	ug/l	98
8) Diethyl Ether	2.10	74	48295	48.878	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	67246	48.867	ug/l	98
10) Methyl Iodide	2.41	142	75249	58.156	ug/l	100
11) Tert butyl alcohol	2.84	59	105997	261.197	ug/l	99
12) 1,1-Dichloroethene	2.28	96	67887	50.683	ug/l	99
13) Acrolein	2.19	56	72936	239.353	ug/l	100
14) Allyl chloride	2.59	41	129863	52.840	ug/l	99
15) Acrylonitrile	2.94	53	262618	263.779	ug/l	100
16) Acetone	2.32	43	203505	202.342	ug/l	100
17) Carbon Disulfide	2.47	76	221028	49.830	ug/l	99
18) Methyl Acetate	2.62	43	122457	52.365	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	238074	50.556	ug/l	99
20) Methylene Chloride	2.70	84	83218	48.734	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	75630	48.599	ug/l	96
22) Diisopropyl ether	3.57	45	253611	52.213	ug/l	99
23) Vinyl Acetate	3.52	43	1062516	267.580	ug/l	99
24) 1,1-Dichloroethane	3.44	63	144112	51.396	ug/l	99
25) 2-Butanone	4.26	43	345649	254.452	ug/l	100
26) 2,2-Dichloropropane	4.22	77	104204	45.993	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	87397	51.348	ug/l	99
28) Bromochloromethane	4.55	49	62497	52.053	ug/l	99
29) Tetrahydrofuran	4.64	42	224322	272.270	ug/l	99
30) Chloroform	4.67	83	135438	50.712	ug/l	98
31) Cyclohexane	4.99	56	135419	51.188	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	112654	51.049	ug/l	99
36) 1,1-Dichloropropene	5.13	75	103758	47.394	ug/l	99
37) Ethyl Acetate	4.38	43	123972	51.589	ug/l	99
38) Carbon Tetrachloride	5.13	117	90809	49.732	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	130326	48.423	ug/l	97
40) Benzene	5.39	78	334156	48.933	ug/l	100
41) Methacrylonitrile	4.54	41	68536	53.280	ug/l	97
42) 1,2-Dichloroethane	5.40	62	102438	49.921	ug/l	99
43) Isopropyl Acetate	5.55	43	193087	52.380	ug/l	100
44) Trichloroethene	6.18	130	79772	47.146	ug/l	99
45) 1,2-Dichloropropane	6.43	63	89995	49.904	ug/l	98
46) Dibromomethane	6.56	93	57326	49.726	ug/l	100
47) Bromodichloromethane	6.76	83	105618	49.760	ug/l	99
48) Methyl methacrylate	6.62	41	97328	54.223	ug/l	99
49) 1,4-Dioxane	6.61	88	45895	1078.928	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	649245	258.793	ug/l	100
52) Toluene	7.64	92	204426	49.173	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	123208	48.321	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	135758	49.274	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	83691	50.251	ug/l	99
56) Ethyl methacrylate	8.02	69	133967	52.212	ug/l	99
57) 1,3-Dichloropropane	8.24	76	141899	49.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	314925	279.090	ug/l	99
59) 2-Hexanone	8.36	43	503795	255.828	ug/l	100
60) Dibromochloromethane	8.48	129	80891	49.025	ug/l	99
61) 1,2-Dibromoethane	8.58	107	89844	49.740	ug/l	100
64) Tetrachloroethene	8.22	164	70991	48.369	ug/l	99
65) Chlorobenzene	9.12	112	218857	47.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	74726	50.419	ug/l	98
67) Ethyl Benzene	9.25	91	380019	49.839	ug/l	100
68) m/p-Xylenes	9.37	106	296266	100.001	ug/l	99
69) o-Xylene	9.78	106	145272	50.890	ug/l	99
70) Styrene	9.79	104	238852	51.040	ug/l	100
71) Bromoform	9.96	173	66440	50.346	ug/l #	98
73) Isopropylbenzene	10.16	105	373025	50.173	ug/l	100
74) N-amyl acetate	10.01	43	173492	54.153	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	147011	49.337	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	125815m	51.122	ug/l	
77) Bromobenzene	10.45	156	96382	49.746	ug/l	99
78) n-propylbenzene	10.58	91	444923	50.780	ug/l	100
79) 2-Chlorotoluene	10.66	91	259902	48.900	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	312377	50.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	44165m	46.282	ug/l	
82) 4-Chlorotoluene	10.77	91	297982	48.894	ug/l	99
83) tert-Butylbenzene	11.10	119	304361	49.737	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	318848	51.438	ug/l	99
85) sec-Butylbenzene	11.32	105	375877	50.789	ug/l	100
86) p-Isopropyltoluene	11.48	119	320084	50.756	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	171925	48.378	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	171343	46.709	ug/l	99
89) n-Butylbenzene	11.89	91	289588	51.449	ug/l	99
90) Hexachloroethane	12.14	117	52902	49.865	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	171588	47.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	30247	52.777	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	111817	48.936	ug/l	99
94) Hexachlorobutadiene	13.69	225	49967	47.809	ug/l	99
95) Naphthalene	13.74	128	395431	50.873	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	117909	50.124	ug/l	99

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

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