

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024796.D
 Acq On : 21 Jun 2018 07:41
 Operator : MD/SY
 Sample : J3585-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MS

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:45:10 PM

Quant Time: Jun 21 09:00:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	173476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	270943	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126209	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
35) Dibromofluoromethane	4.89	113	104472	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	7.57	98	374429	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
62) 4-Bromofluorobenzene	10.31	95	147883	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	90656	41.75	ug/l	99
3) Chloromethane	1.33	50	98483	44.39	ug/l	99
4) Vinyl Chloride	1.40	62	104939	45.87	ug/l	98
5) Bromomethane	1.62	94	61074	55.22	ug/l	99
6) Chloroethane	1.70	64	66425	52.00	ug/l	98
7) Trichlorofluoromethane	1.89	101	163026	46.69	ug/l	98
8) Diethyl Ether	2.10	74	61415	51.76	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	91471	42.23	ug/l	95
10) Methyl Iodide	2.41	142	88136	48.28	ug/l	98
11) Tert butyl alcohol	2.82	59	136939	198.82	ug/l	99
12) 1,1-Dichloroethene	2.29	96	88455	44.78	ug/l	93
13) Acrolein	2.19	56	70484	194.87	ug/l	99
14) Allyl chloride	2.60	41	141206	38.50	ug/l	95
15) Acrylonitrile	2.93	53	311572	232.50	ug/l	99
16) Acetone	2.32	43	272204	178.89	ug/l	98
17) Carbon Disulfide	2.48	76	256070	40.49	ug/l	99
18) Methyl Acetate	2.61	43	143321	43.94	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	335407	45.17	ug/l	97
20) Methylene Chloride	2.70	84	103108	43.19	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	95479	43.89	ug/l	95
22) Diisopropyl ether	3.57	45	335654	46.17	ug/l	96
23) Vinyl Acetate	3.53	43	1328647	204.01	ug/l	98
24) 1,1-Dichloroethane	3.45	63	188386	45.04	ug/l	99
25) 2-Butanone	4.26	43	442495	216.49	ug/l	96
26) 2,2-Dichloropropane	4.23	77	110519	27.83	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	115250	46.08	ug/l	94
28) Bromochloromethane	4.55	49	85513	46.42	ug/l	88
29) Tetrahydrofuran	4.63	42	287242	226.94	ug/l	97
30) Chloroform	4.68	83	199479	47.12	ug/l	100
31) Cyclohexane	5.00	56	169244	45.39	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	177252	45.28	ug/l	97
36) 1,1-Dichloropropene	5.14	75	145155	45.59	ug/l	98
37) Ethyl Acetate	4.38	43	152670	44.00	ug/l	97
38) Carbon Tetrachloride	5.14	117	161492	46.13	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	172714	43.47	ug/l	97
40) Benzene	5.39	78	426839	47.05	ug/l	99
41) Methacrylonitrile	4.54	41	93018	49.72	ug/l	97
42) 1,2-Dichloroethane	5.41	62	168978	48.91	ug/l	100
43) Isopropyl Acetate	5.55	43	259386	43.24	ug/l	98
44) Trichloroethene	6.19	130	118393	45.86	ug/l	95
45) 1,2-Dichloropropane	6.44	63	116286	48.04	ug/l	96
46) Dibromomethane	6.56	93	81870	48.15	ug/l	95
47) Bromodichloromethane	6.76	83	158666	46.86	ug/l	99
48) Methyl methacrylate	6.62	41	136684	46.80	ug/l	97
49) 1,4-Dioxane	6.61	88	60856	1065.42	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	898849	238.52	ug/l	99
52) Toluene	7.64	92	276064	47.30	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	163497	43.00	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	169656	41.87	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	116182	48.97	ug/l	98
56) Ethyl methacrylate	8.02	69	187273	47.16	ug/l	98
57) 1,3-Dichloropropane	8.25	76	195017	48.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	437	0.29	ug/l #	50
59) 2-Hexanone	8.36	43	710484	230.94	ug/l	99
60) Dibromochloromethane	8.48	129	134841	45.58	ug/l	99
61) 1,2-Dibromoethane	8.59	107	126805	48.02	ug/l	98
64) Tetrachloroethene	8.23	164	103393	41.72	ug/l	97
65) Chlorobenzene	9.12	112	316962	47.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	118583	46.86	ug/l	98
67) Ethyl Benzene	9.25	91	545352	46.71	ug/l	98
68) m/p-Xylenes	9.38	106	425825	94.98	ug/l	97
69) o-Xylene	9.78	106	211057	47.57	ug/l	97
70) Styrene	9.80	104	344288	47.22	ug/l	99
71) Bromoform	9.96	173	108183	44.98	ug/l #	98
73) Isopropylbenzene	10.17	105	570666	47.23	ug/l	99
74) N-amyl acetate	10.01	43	234422	40.79	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	193602	47.82	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	163252m	47.12	ug/l	
77) Bromobenzene	10.45	156	148132	48.43	ug/l	94
78) n-propylbenzene	10.59	91	645165	45.33	ug/l	98
79) 2-Chlorotoluene	10.66	91	388409	46.28	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	490375	46.83	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	51720m	34.55	ug/l	
82) 4-Chlorotoluene	10.78	91	452378	46.31	ug/l	99
83) tert-Butylbenzene	11.10	119	497437	49.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	507622	47.57	ug/l	99
85) sec-Butylbenzene	11.33	105	588800	46.70	ug/l	98
86) p-Isopropyltoluene	11.48	119	525163	46.50	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	267444	47.33	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	273658	48.11	ug/l	99
89) n-Butylbenzene	11.89	91	433983	43.29	ug/l	97
90) Hexachloroethane	12.15	117	95865	43.52	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	277166	48.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51537	46.13	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	184987	52.92	ug/l	100
94) Hexachlorobutadiene	13.70	225	90143	45.82	ug/l	99
95) Naphthalene	13.74	128	611909	52.84	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	195045	56.00	ug/l	99

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

