

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025757.D
 Acq On : 31 Jul 2018 22:25
 Operator : MD/SY
 Sample : VU0801WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:07 AM

Quant Time: Aug 01 06:01:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	174323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265030	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	137609	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	4.89	113	113271	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	398923	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	10.31	95	153329	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59568	22.609	ug/l	95
3) Chloromethane	1.33	50	48279	19.171	ug/l	98
4) Vinyl Chloride	1.40	62	49807	21.017	ug/l	100
5) Bromomethane	1.63	94	25283	21.843	ug/l	99
6) Chloroethane	1.70	64	28369	20.472	ug/l	95
7) Trichlorofluoromethane	1.89	101	72144	21.055	ug/l	97
8) Diethyl Ether	2.10	74	25686	20.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43364	21.869	ug/l	100
10) Methyl Iodide	2.41	142	31266	22.594	ug/l	99
11) Tert butyl alcohol	2.82	59	57479	96.658	ug/l	100
12) 1,1-Dichloroethene	2.28	96	40113	21.431	ug/l	94
13) Acrolein	2.19	56	27153	125.066	ug/l	99
14) Allyl chloride	2.59	41	65797	19.561	ug/l	97
15) Acrylonitrile	2.94	53	122091	102.831	ug/l	97
16) Acetone	2.32	43	113765	85.910	ug/l	95
17) Carbon Disulfide	2.48	76	118364	19.540	ug/l	99
18) Methyl Acetate	2.62	43	78300	24.567	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	145684	21.478	ug/l	99
20) Methylene Chloride	2.70	84	47379	20.188	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	45439	21.001	ug/l	100
22) Diisopropyl ether	3.57	45	141994	21.422	ug/l	96
23) Vinyl Acetate	3.53	43	591486	102.396	ug/l	98
24) 1,1-Dichloroethane	3.45	63	85447	21.475	ug/l	98
25) 2-Butanone	4.26	43	178041	98.767	ug/l	100
26) 2,2-Dichloropropane	4.23	77	63631	17.595	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	50460	20.685	ug/l	97
28) Bromochloromethane	4.55	49	37302	20.968	ug/l	98
29) Tetrahydrofuran	4.64	42	111283	103.041	ug/l	99
30) Chloroform	4.68	83	87213	20.766	ug/l	99
31) Cyclohexane	5.00	56	74275	20.666	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	81367	21.519	ug/l	99
36) 1,1-Dichloropropene	5.14	75	66054	21.326	ug/l	99
37) Ethyl Acetate	4.38	43	65699	20.457	ug/l	98
38) Carbon Tetrachloride	5.14	117	72576	20.688	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	71343	20.103	ug/l	99
40) Benzene	5.39	78	186756	20.628	ug/l	98
41) Methacrylonitrile	4.54	41	37094	20.795	ug/l	99
42) 1,2-Dichloroethane	5.41	62	72146	20.695	ug/l	100
43) Isopropyl Acetate	5.55	43	109563	20.645	ug/l	99
44) Trichloroethene	6.19	130	52665	20.888	ug/l	97
45) 1,2-Dichloropropane	6.44	63	48542	20.558	ug/l	99
46) Dibromomethane	6.56	93	35323	20.646	ug/l	99
47) Bromodichloromethane	6.76	83	66600	20.407	ug/l	96
48) Methyl methacrylate	6.63	41	55022	21.153	ug/l	99
49) 1,4-Dioxane	6.62	88	24476	386.688	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	342817	103.178	ug/l	100
52) Toluene	7.64	92	118909	21.141	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	73544	20.070	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	77887	20.692	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	47629	20.377	ug/l	99
56) Ethyl methacrylate	8.02	69	69595	20.839	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82053	20.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	135357	94.044	ug/l	99
59) 2-Hexanone	8.36	43	261659	100.464	ug/l	98
60) Dibromochloromethane	8.48	129	54955	19.937	ug/l	100
61) 1,2-Dibromoethane	8.59	107	53357	20.526	ug/l	98
64) Tetrachloroethene	8.23	164	48736	21.785	ug/l	98
65) Chlorobenzene	9.12	112	137511	20.985	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49343	20.816	ug/l	97
67) Ethyl Benzene	9.25	91	225830	20.806	ug/l	99
68) m/p-Xylenes	9.38	106	179437	43.060	ug/l	98
69) o-Xylene	9.78	106	85803	21.068	ug/l	99
70) Styrene	9.80	104	138471	21.049	ug/l	99
71) Bromoform	9.96	173	42684	20.766	ug/l #	99
73) Isopropylbenzene	10.17	105	231474	21.516	ug/l	100
74) N-amyl acetate	10.01	43	94640	21.548	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	78282	21.041	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	68488m	19.720	ug/l	
77) Bromobenzene	10.45	156	62625	21.104	ug/l	98
78) n-propylbenzene	10.59	91	269731	21.481	ug/l	99
79) 2-Chlorotoluene	10.66	91	159686	21.712	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	197956	21.666	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	19766m	14.271	ug/l	
82) 4-Chlorotoluene	10.78	91	188923	21.791	ug/l	98
83) tert-Butylbenzene	11.10	119	194578	21.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	203848	22.016	ug/l	98
85) sec-Butylbenzene	11.33	105	234880	21.192	ug/l	100
86) p-Isopropyltoluene	11.48	119	210069	21.167	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	116605	21.170	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	121074	21.087	ug/l	99
89) n-Butylbenzene	11.89	91	187287	20.450	ug/l	99
90) Hexachloroethane	12.15	117	34476	19.538	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	116435	21.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19024	21.569	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	77909	21.381	ug/l	98
94) Hexachlorobutadiene	13.70	225	35474	18.468	ug/l	99
95) Naphthalene	13.74	128	236397	20.943	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80668	22.192	ug/l	100

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

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