

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024889.D
 Acq On : 25 Jun 2018 20:59
 Operator : MD/SY
 Sample : VU0625WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBSD01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:21:49 AM

Quant Time: Jun 26 05:51:14 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	178580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275852	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	142764	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.94%		
35) Dibromofluoromethane	4.89	113	114410	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.94%		
50) Toluene-d8	7.57	98	398291	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.40%		
62) 4-Bromofluorobenzene	10.31	95	155887	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.04%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40248	18.01	ug/l	99
3) Chloromethane	1.33	50	41354	18.11	ug/l	99
4) Vinyl Chloride	1.40	62	44176	18.76	ug/l	95
5) Bromomethane	1.62	94	28258	24.82	ug/l	98
6) Chloroethane	1.70	64	30031	22.23	ug/l	99
7) Trichlorofluoromethane	1.89	101	73086	20.34	ug/l	97
8) Diethyl Ether	2.10	74	27220	21.17	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42487	19.05	ug/l	98
10) Methyl Iodide	2.41	142	39759	24.13	ug/l	99
11) Tert butyl alcohol	2.82	59	67082	94.61	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39030	19.19	ug/l	98
13) Acrolein	2.19	56	19825	53.24	ug/l	99
14) Allyl chloride	2.59	41	68548	18.16	ug/l	96
15) Acrylonitrile	2.93	53	139267	100.95	ug/l	99
16) Acetone	2.32	43	138258	88.26	ug/l	99
17) Carbon Disulfide	2.48	76	103681	15.92	ug/l	100
18) Methyl Acetate	2.62	43	76291	22.72	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	155346	20.32	ug/l	95
20) Methylene Chloride	2.70	84	51500	20.95	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	42526	18.99	ug/l	95
22) Diisopropyl ether	3.57	45	152582	20.39	ug/l	95
23) Vinyl Acetate	3.53	43	649311	96.85	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85912	19.95	ug/l	99
25) 2-Butanone	4.26	43	205046	97.45	ug/l	97
26) 2,2-Dichloropropane	4.23	77	73642	18.01	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	52012	20.20	ug/l	98
28) Bromochloromethane	4.55	49	40304	21.25	ug/l	88
29) Tetrahydrofuran	4.64	42	125611	96.40	ug/l	95
30) Chloroform	4.68	83	89878	20.62	ug/l	99
31) Cyclohexane	5.00	56	77024	18.92	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	82042	20.36	ug/l	97
36) 1,1-Dichloropropene	5.14	75	61309	18.91	ug/l	96
37) Ethyl Acetate	4.38	43	73975	20.94	ug/l	98
38) Carbon Tetrachloride	5.14	117	71280	20.00	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	75653	18.70	ug/l	98
40) Benzene	5.39	78	187995	20.35	ug/l	98
41) Methacrylonitrile	4.54	41	41899	22.00	ug/l	98
42) 1,2-Dichloroethane	5.41	62	76119	21.64	ug/l	99
43) Isopropyl Acetate	5.55	43	120191	19.68	ug/l	97
44) Trichloroethene	6.19	130	51906	19.75	ug/l	97
45) 1,2-Dichloropropane	6.44	63	50146	20.35	ug/l	94
46) Dibromomethane	6.56	93	36674	21.19	ug/l	97
47) Bromodichloromethane	6.76	83	69019	20.02	ug/l	100
48) Methyl methacrylate	6.63	41	61117	20.55	ug/l	97
49) 1,4-Dioxane	6.62	88	28388	488.15	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	392789	102.38	ug/l	99
52) Toluene	7.64	92	117208	19.72	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	73400	18.96	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	76667	18.59	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	49737	20.59	ug/l	97
56) Ethyl methacrylate	8.02	69	82043	20.29	ug/l	99
57) 1,3-Dichloropropane	8.25	76	83675	20.53	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	35013	22.61	ug/l	96
59) 2-Hexanone	8.36	43	303721	96.96	ug/l	100
60) Dibromochloromethane	8.48	129	56579	18.78	ug/l	100
61) 1,2-Dibromoethane	8.59	107	55989	20.83	ug/l	97
64) Tetrachloroethene	8.23	164	48683	19.94	ug/l	99
65) Chlorobenzene	9.12	112	134784	20.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	52655	21.12	ug/l	98
67) Ethyl Benzene	9.25	91	230934	20.07	ug/l	95
68) m/p-Xylenes	9.38	106	180702	40.90	ug/l	96
69) o-Xylene	9.78	106	90663	20.73	ug/l	96
70) Styrene	9.80	104	144726	20.14	ug/l	98
71) Bromoform	9.96	173	43667	18.42	ug/l #	100
73) Isopropylbenzene	10.17	105	239041	21.18	ug/l	99
74) N-amyl acetate	10.01	43	106726	19.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	84578	22.36	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	79109m	24.44	ug/l	
77) Bromobenzene	10.46	156	61350	21.47	ug/l	96
78) n-propylbenzene	10.59	91	269011	20.23	ug/l	97
79) 2-Chlorotoluene	10.66	91	166318	21.21	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	207712	21.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24888m	17.80	ug/l	
82) 4-Chlorotoluene	10.78	91	186089	20.39	ug/l	98
83) tert-Butylbenzene	11.10	119	208336	22.14	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	206658	20.73	ug/l	99
85) sec-Butylbenzene	11.33	105	242372	20.58	ug/l	98
86) p-Isopropyltoluene	11.48	119	213770	20.26	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108192	20.49	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109999	20.70	ug/l	99
89) n-Butylbenzene	11.89	91	170947	18.25	ug/l	99
90) Hexachloroethane	12.15	117	38847	18.88	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	114615	21.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20954	20.08	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	70842	21.70	ug/l	100
94) Hexachlorobutadiene	13.70	225	37057	20.16	ug/l	98
95) Naphthalene	13.74	128	243523	22.90	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76324	23.46	ug/l	99

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

