

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024703.D
 Acq On : 18 Jun 2018 19:51
 Operator : MD/SY
 Sample : J3469-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OILY-WATER

Quant Time: Jun 19 05:15:04 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	4.94	168	158	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.55	114	19	50.00	ug/l	-0.34
63) Chlorobenzene-d5	8.57	117	133	50.00	ug/l	-0.52
72) 1,4-Dichlorobenzene-d4	11.52	152	157674	50.00	ug/l	0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.27	65	250	96.92	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	193.84%	
35) Dibromofluoromethane	4.62	113	165	1046.39	ug/l	-0.27
Spiked Amount	50.000		Recovery	=	2092.78%	
50) Toluene-d8	7.19	98	20	34.77	ug/l	-0.38
Spiked Amount	50.000		Recovery	=	69.54%	
62) 4-Bromofluorobenzene	9.71	95	77	337.18	ug/l	-0.60
Spiked Amount	50.000		Recovery	=	674.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.48	85	199	100.62	ug/l #	43
3) Chloromethane	1.43	50	103	50.98	ug/l #	42
4) Vinyl Chloride	1.34	62	44	21.12	ug/l #	44
5) Bromomethane	1.61	94	87	86.37	ug/l #	3
6) Chloroethane	1.60	64	786	688.52	ug/l #	68
7) Trichlorofluoromethane	2.04	101	67	21.07	ug/l #	42
8) Diethyl Ether	2.10	74	80	74.86	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.16	101	19	9.63	ug/l #	1
10) Methyl Iodide	2.28	142	20	16.00	ug/l #	1
11) Tert butyl alcohol	2.87	59	28089	44775.55	ug/l #	72
12) 1,1-Dichloroethene	2.28	96	106	58.92	ug/l #	86
13) Acrolein	2.16	56	190	576.76	ug/l #	50
14) Allyl chloride	2.63	41	2167	648.73	ug/l #	47
15) Acrylonitrile	2.82	53	3115	2552.15	ug/l #	20
16) Acetone	2.40	43	105550	76159.88	ug/l #	45
17) Carbon Disulfide	2.49	76	108	18.75	ug/l #	1
18) Methyl Acetate	2.48	43	549685	185011.32	ug/l #	53
19) Methyl tert-butyl Ether	2.98	73	186	27.50	ug/l #	1
20) Methylene Chloride	2.69	84	71	32.65	ug/l #	54
21) trans-1,2-Dichloroethene	2.96	96	213	107.50	ug/l #	76
22) Diisopropyl ether	3.39	45	172715	26082.80	ug/l #	70
23) Vinyl Acetate	3.39	43	104844	17675.03	ug/l #	85
24) 1,1-Dichloroethane	3.38	63	2252	591.18	ug/l #	23
25) 2-Butanone	4.25	43	3627	1948.35	ug/l #	54
26) 2,2-Dichloropropane	4.15	77	179	49.49	ug/l	91
27) cis-1,2-Dichloroethene	4.14	96	117	51.36	ug/l	67
28) Bromochloromethane	4.51	49	148	88.21	ug/l #	1
29) Tetrahydrofuran	4.78	42	116067	100681.45	ug/l #	1
30) Chloroform	4.91	83	100	25.94	ug/l	87
31) Cyclohexane	4.95	56	203	60.42	ug/l #	31
32) 1,1,1-Trichloroethane	4.87	97	116	32.53	ug/l #	23
36) 1,1-Dichloropropene	5.08	75	430	1925.97	ug/l	82
37) Ethyl Acetate	4.12	43	2437	10014.68	ug/l #	81
38) Carbon Tetrachloride	4.84	117	73	297.33	ug/l #	28

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.05	83	169	606.57	ug/l #	19
40) Benzene	5.10	78	200	314.37	ug/l #	1
41) Methacrylonitrile	4.27	41	192	1463.40	ug/l #	2
42) 1,2-Dichloroethane	5.27	62	81540	336527.18	ug/l	77
43) Isopropyl Acetate	5.27	43	209109	497134.57	ug/l #	86
44) Trichloroethene	5.86	130	48	265.11	ug/l	44
45) 1,2-Dichloropropane	6.19	63	10898	64200.81	ug/l #	44
46) Dibromomethane	6.18	93	204	1710.93	ug/l #	4
47) Bromodichloromethane	6.36	83	3781	15924.83	ug/l #	26
48) Methyl methacrylate	6.19	41	294029	1435542.58	ua/l #	13
49) 1,4-Dioxane	6.36	88	43899	10959595.14	ua/l #	1
51) 4-Methyl-2-Pentanone	7.06	43	1454610	5504458.27	ua/l #	37
53) t-1,3-Dichloropropene	7.43	75	42	157.52	ug/l #	47
54) cis-1,3-Dichloropropene	6.85	75	124	436.45	ug/l #	53
55) 1,1,2-Trichloroethane	7.82	97	11722	70455.46	ug/l #	1
56) Ethyl methacrylate	7.75	69	362711	1302526.91	ug/l	93
57) 1,3-Dichloropropane	7.88	76	3766	13418.36	ug/l	93
58) 2-Chloroethyl Vinyl ether	6.72	63	94	881.12	ug/l #	50
59) 2-Hexanone	7.72	43	141227	654606.24	ug/l #	56
60) Dibromochloromethane	8.16	129	23	110.86	ug/l #	11
61) 1,2-Dibromoethane	8.22	107	42	226.81	ug/l #	3
64) Tetrachloroethene	8.41	164	325	257.08	ug/l #	65
65) Chlorobenzene	9.17	112	40	11.77	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	8.95	131	21	16.27	ug/l #	8
67) Ethyl Benzene	9.36	91	114898	19289.95	ug/l	99
68) m/p-Xylenes	9.36	106	35642	15582.96	ug/l #	26
69) o-Xylene	9.86	106	79960	35324.22	ug/l	93
70) Stvrene	9.86	104	4624	1243.06	ug/l #	1
73) Isopropylbenzene	10.23	105	3630	0.30	ug/l #	72
74) N-amyl acetate	9.99	43	99860	17.34	ug/l #	44
76) 1,2,3-Trichloropropane	10.37	75	85885	24.74	ug/l #	36
78) n-propylbenzene	10.64	91	5504	0.39	ug/l	95
79) 2-Chlorotoluene	10.64	91	5504	0.65	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.74	105	21161	2.02	ug/l	74
81) trans-1,4-Dichloro-2-buten	10.37	75	85885	57.26	ug/l #	100
82) 4-Chlorotoluene	10.74	91	2827	0.29	ug/l #	45
83) tert-Butylbenzene	11.19	119	5365	0.53	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.19	105	48676	4.55	ug/l	88
86) p-Isopropyltoluene	11.51	119	59413	5.25	ug/l	98
89) n-Butylbenzene	11.91	91	5699	0.57	ug/l #	27
90) Hexachloroethane	12.17	117	1349	0.61	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.63	75	324	0.29	ug/l #	3
95) Naphthalene	13.75	128	394521	34.25	ug/l	99

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

