

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005248.D
 Acq On : 11 Oct 2018 11:40
 Operator : JC/MD
 Sample : VU1010WBS07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:05 AM

Quant Time: Oct 11 12:54:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140025	61.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.54%	
35) Dibromofluoromethane	5.50	113	111183	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.72	98	380139	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	146612	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	32061	14.82	ug/l	98
3) Chloromethane	1.32	50	50568	19.26	ug/l	99
4) Vinyl Chloride	1.40	62	44539	18.09	ug/l	98
5) Bromomethane	1.64	94	29229	20.02	ug/l	97
6) Chloroethane	1.71	64	31034	21.82	ug/l	96
7) Trichlorofluoromethane	1.92	101	53047	17.40	ug/l	97
8) Diethyl Ether	2.19	74	28534	21.55	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25787	14.85	ug/l	98
10) Methyl Iodide	2.51	142	40991	17.64	ug/l	91
11) Tert butyl alcohol	3.07	59	74276	117.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30170	17.55	ug/l	95
13) Acrolein	2.29	56	38975	86.43	ug/l	93
14) Allyl chloride	2.73	41	80780	21.53	ug/l	95
15) Acrylonitrile	3.15	53	166509	119.34	ug/l	95
16) Acetone	2.45	43	165946	125.39	ug/l	96
17) Carbon Disulfide	2.57	76	84520	16.36	ug/l	100
18) Methyl Acetate	2.78	43	90362	26.95	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	143000	24.11	ug/l	95
20) Methylene Chloride	2.85	84	44342	22.58	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	36230	19.25	ug/l	84
22) Diisopropyl ether	3.89	45	142416	22.54	ug/l	# 85
23) Vinyl Acetate	3.82	43	680897	117.75	ug/l	# 93
24) 1,1-Dichloroethane	3.70	63	78631	20.87	ug/l	98
25) 2-Butanone	4.71	43	221921	113.76	ug/l	94
26) 2,2-Dichloropropane	4.58	77	51827	19.75	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	41272	19.63	ug/l	95
28) Bromochloromethane	5.03	49	35796	20.17	ug/l	97
29) Tetrahydrofuran	5.16	42	138254	114.03	ug/l	98
30) Chloroform	5.21	83	73744	20.71	ug/l	98
31) Cyclohexane	5.57	56	40469	14.03	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	55423	19.06	ug/l	95
36) 1,1-Dichloropropene	5.80	75	42606	13.72	ug/l	93
37) Ethyl Acetate	4.86	43	75749	18.38	ug/l	98
38) Carbon Tetrachloride	5.78	117	45788	14.03	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34983	11.03	ug/l	90
40) Benzene	6.14	78	151475	15.58	ug/l	95
41) Methacrylonitrile	5.06	41	41542	18.18	ug/l #	96
42) 1,2-Dichloroethane	6.20	62	62261	18.12	ug/l	98
43) Isopropyl Acetate	6.47	43	104381	17.55	ug/l	97
44) Trichloroethene	7.21	130	38502	16.11	ug/l	95
45) 1,2-Dichloropropane	7.52	63	42712	17.92	ug/l	97
46) Dibromomethane	7.66	93	29512	19.70	ug/l	98
47) Bromodichloromethane	7.90	83	54866	19.56	ug/l	98
48) Methyl methacrylate	7.78	41	55028	20.38	ug/l	99
49) 1,4-Dioxane	7.76	88	23598	351.81	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	392989	104.92	ug/l	99
52) Toluene	8.79	92	95375	17.86	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58016	18.30	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	65929	19.86	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45066	19.26	ug/l	96
56) Ethyl methacrylate	9.18	69	63342	18.59	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74042	19.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	170633	94.07	ug/l	99
59) 2-Hexanone	9.50	43	314565	100.79	ug/l	93
60) Dibromochloromethane	9.59	129	45052	19.26	ug/l	97
61) 1,2-Dibromoethane	9.67	107	46557	18.58	ug/l	95
64) Tetrachloroethene	9.34	164	36182	13.76	ug/l	94
65) Chlorobenzene	10.14	112	110156	16.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40925	16.99	ug/l	99
67) Ethyl Benzene	10.26	91	168889	15.52	ug/l	95
68) m/p-Xylenes	10.36	106	133294	31.35	ug/l	96
69) o-Xylene	10.70	106	65427	16.76	ug/l	99
70) Styrene	10.71	104	114238	17.11	ug/l	99
71) Bromoform	10.86	173	37330	18.10	ug/l	96
73) Isopropylbenzene	11.02	105	164555	17.89	ug/l	99
74) N-amyl acetate	10.90	43	91251	19.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74722	19.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	68699m	21.00	ug/l	
77) Bromobenzene	11.26	156	52687	19.72	ug/l	99
78) n-propylbenzene	11.36	91	185111	17.54	ug/l	99
79) 2-Chlorotoluene	11.42	91	123692	18.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	144837	17.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20223	18.18	ug/l	97
82) 4-Chlorotoluene	11.51	91	145865	18.84	ug/l	99
83) tert-Butylbenzene	11.77	119	137862	18.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	153685	17.55	ug/l	99
85) sec-Butylbenzene	11.94	105	155994	16.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	140972	16.87	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92539	18.55	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94664	18.38	ug/l	98
89) n-Butylbenzene	12.39	91	115225	15.18	ug/l	99
90) Hexachloroethane	12.60	117	24727	17.77	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	97014	18.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17756	21.60	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65290	17.85	ug/l	100
94) Hexachlorobutadiene	13.79	225	25384	13.39	ug/l	98
95) Naphthalene	13.83	128	217170	18.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71076	18.81	ug/l	100

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

