

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010197.D
 Acq On : 10 Jun 2019 23:56
 Operator : JC/SP
 Sample : VX0610WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:53:56 AM

Quant Time: Jun 11 08:06:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	349564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174495	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116993	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.50	113	118080	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	449357	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	160898	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47561	20.537	ug/l	99
3) Chloromethane	1.33	50	45434	19.754	ug/l	99
4) Vinyl Chloride	1.41	62	48120	22.261	ug/l	99
5) Bromomethane	1.64	94	22777	27.923	ug/l	97
6) Chloroethane	1.72	64	26540	24.352	ug/l	97
7) Trichlorofluoromethane	1.93	101	71813	22.365	ug/l	98
8) Diethyl Ether	2.19	74	26009	23.501	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41449	18.727	ug/l	90
10) Methyl Iodide	2.51	142	68325	19.924	ug/l	97
11) Tert butyl alcohol	3.04	59	61395	102.012	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43677	19.320	ug/l #	78
13) Acrolein	2.29	56	10746	97.923	ug/l	97
14) Allyl chloride	2.73	41	61899	18.139	ug/l #	90
15) Acrylonitrile	3.14	53	125965	102.398	ug/l	98
16) Acetone	2.45	43	99983	86.527	ug/l #	89
17) Carbon Disulfide	2.57	76	117072	17.922	ug/l	98
18) Methyl Acetate	2.78	43	51451	20.247	ug/l #	79
19) Methyl tert-butyl Ether	3.20	73	139109	19.153	ug/l	95
20) Methylene Chloride	2.85	84	48332	19.046	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	45783	18.300	ug/l #	76
22) Diisopropyl ether	3.85	45	127226	19.500	ug/l #	94
23) Vinyl Acetate	3.82	43	558190	95.901	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	74053	18.694	ug/l #	94
25) 2-Butanone	4.67	43	170036	98.820	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	50494	13.972	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	53526	19.232	ug/l	76
28) Bromochloromethane	5.02	49	33534	18.888	ug/l #	48
29) Tetrahydrofuran	5.13	42	107807	99.696	ug/l #	73
30) Chloroform	5.21	83	78740	19.139	ug/l	97
31) Cyclohexane	5.59	56	68909	19.274	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	71336	18.444	ug/l	94
36) 1,1-Dichloropropene	5.80	75	57847	18.494	ug/l	92
37) Ethyl Acetate	4.84	43	64299	19.757	ug/l #	89
38) Carbon Tetrachloride	5.79	117	64144	18.118	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76244	17.901	ug/l #	83
40) Benzene	6.14	78	188264	19.465	ug/l	100
41) Methacrylonitrile	5.05	41	32904	18.690	ug/l #	80
42) 1,2-Dichloroethane	6.20	62	57370	18.579	ug/l	92
43) Isopropyl Acetate	6.45	43	104255	19.159	ug/l #	89
44) Trichloroethene	7.21	130	56108	19.245	ug/l	89
45) 1,2-Dichloropropane	7.51	63	46720	19.299	ug/l	97
46) Dibromomethane	7.66	93	33544	18.495	ug/l	90
47) Bromodichloromethane	7.90	83	63024	18.597	ug/l #	99
48) Methyl methacrylate	7.77	41	48803	19.177	ug/l #	75
49) 1,4-Dioxane	7.74	88	29162	401.923	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	337161	103.718	ug/l	89
52) Toluene	8.78	92	120670	18.980	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	66750	17.028	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	74376	17.699	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	52066	19.996	ug/l	95
56) Ethyl methacrylate	9.18	69	79485	19.325	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	79509	19.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	181561	93.634	ug/l #	86
59) 2-Hexanone	9.49	43	260103	100.354	ug/l	87
60) Dibromochloromethane	9.58	129	57385	18.632	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55076	18.992	ug/l	98
64) Tetrachloroethene	9.34	164	51857	19.974	ug/l	98
65) Chlorobenzene	10.13	112	138254	19.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52632	18.970	ug/l	99
67) Ethyl Benzene	10.25	91	230211	18.744	ug/l	95
68) m/p-Xylenes	10.36	106	180709	38.022	ug/l	90
69) o-Xylene	10.69	106	89318	18.905	ug/l	88
70) Styrene	10.71	104	151508	18.935	ug/l	94
71) Bromoform	10.85	173	47021	18.435	ug/l #	98
73) Isopropylbenzene	11.02	105	233859	19.199	ug/l	95
74) N-amyl acetate	10.90	43	92959	19.306	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	81491	19.544	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	65824m	18.859	ug/l	
77) Bromobenzene	11.26	156	65097	19.434	ug/l	79
78) n-propylbenzene	11.36	91	250886	18.501	ug/l	94
79) 2-Chlorotoluene	11.42	91	151621	18.616	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	194172	18.926	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25946	16.425	ug/l #	84
82) 4-Chlorotoluene	11.51	91	172574	18.653	ug/l	91
83) tert-Butylbenzene	11.77	119	194052	18.687	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	194979	18.815	ug/l	94
85) sec-Butylbenzene	11.94	105	226122	18.691	ug/l	96
86) p-Isopropyltoluene	12.06	119	205747	18.603	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	111117	18.833	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	111936	18.820	ug/l	98
89) n-Butylbenzene	12.38	91	171627	18.028	ug/l	96
90) Hexachloroethane	12.60	117	39685	18.013	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	113052	19.709	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17775	18.116	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77522	18.463	ug/l	99
94) Hexachlorobutadiene	13.78	225	35759	19.150	ug/l	99
95) Naphthalene	13.83	128	251929	19.061	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	78254	18.850	ug/l	99

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

