

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007013.D
 Acq On : 11 Jan 2019 15:03
 Operator : JC/SP
 Sample : VX0111WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:40:47 AM

Quant Time: Jan 11 22:26:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	532308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	813862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	728364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	368239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	281085	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	5.50	113	247409	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
50) Toluene-d8	8.71	98	924632	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.14	95	322624	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97513	22.308	ug/l	98
3) Chloromethane	1.33	50	109520	21.522	ug/l	97
4) Vinyl Chloride	1.41	62	116389	21.262	ug/l	95
5) Bromomethane	1.64	94	120208	20.554	ug/l	99
6) Chloroethane	1.72	64	76089	19.907	ug/l	98
7) Trichlorofluoromethane	1.93	101	179890	20.339	ug/l	96
8) Diethyl Ether	2.19	74	72889	20.714	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104631	19.759	ug/l	98
10) Methyl Iodide	2.51	142	158017	22.122	ug/l	99
11) Tert butyl alcohol	3.07	59	138671	105.671	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100401	20.522	ug/l	99
13) Acrolein	2.30	56	44458	80.667	ug/l	94
14) Allyl chloride	2.73	41	169730	20.243	ug/l	98
15) Acrylonitrile	3.15	53	315559	104.748	ug/l	99
16) Acetone	2.45	43	274841	99.935	ug/l	100
17) Carbon Disulfide	2.57	76	209767	16.654	ug/l	100
18) Methyl Acetate	2.78	43	168402	21.144	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	356266	20.981	ug/l	98
20) Methylene Chloride	2.86	84	116226	21.901	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	108098	19.827	ug/l	97
22) Diisopropyl ether	3.87	45	326942	20.741	ug/l	95
23) Vinyl Acetate	3.82	43	1329320	100.001	ug/l	98
24) 1,1-Dichloroethane	3.70	63	180299	20.456	ug/l	98
25) 2-Butanone	4.70	43	407217	103.482	ug/l	97
26) 2,2-Dichloropropane	4.59	77	120761	17.818	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	120204	19.989	ug/l	99
28) Bromochloromethane	5.03	49	77669	20.113	ug/l	96
29) Tetrahydrofuran	5.15	42	267122	104.452	ug/l	97
30) Chloroform	5.22	83	189215	20.504	ug/l	99
31) Cyclohexane	5.58	56	157954	20.135	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	153332	19.603	ug/l	97
36) 1,1-Dichloropropene	5.80	75	134413	18.996	ug/l	100
37) Ethyl Acetate	4.86	43	153213	20.197	ug/l	99
38) Carbon Tetrachloride	5.79	117	128168	18.003	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166179	18.422	ug/l	99
40) Benzene	6.14	78	428960	19.868	ug/l	97
41) Methacrylonitrile	5.06	41	82467	18.871	ug/l	98
42) 1,2-Dichloroethane	6.20	62	147839	19.815	ug/l	99
43) Isopropyl Acetate	6.46	43	234348	19.585	ug/l	100
44) Trichloroethene	7.21	130	122720	18.968	ug/l	99
45) 1,2-Dichloropropane	7.52	63	107560	19.816	ug/l	100
46) Dibromomethane	7.66	93	76024	19.929	ug/l	98
47) Bromodichloromethane	7.90	83	121821	18.761	ug/l	95
48) Methyl methacrylate	7.77	41	122714	19.970	ug/l	97
49) 1,4-Dioxane	7.75	88	56465	397.198	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	797364	103.689	ug/l	99
52) Toluene	8.79	92	271157	19.540	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	131057	18.202	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	148608	18.689	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	117701	21.190	ug/l	98
56) Ethyl methacrylate	9.18	69	168076	20.728	ug/l	96
57) 1,3-Dichloropropane	9.37	76	183944	20.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	418943	100.486	ug/l	100
59) 2-Hexanone	9.49	43	601139	102.580	ug/l	98
60) Dibromochloromethane	9.59	129	101203	18.764	ug/l	97
61) 1,2-Dibromoethane	9.67	107	122329	20.005	ug/l	99
64) Tetrachloroethene	9.34	164	131546	20.861	ug/l	98
65) Chlorobenzene	10.14	112	317428	19.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106443	19.918	ug/l	98
67) Ethyl Benzene	10.25	91	516766	19.704	ug/l	99
68) m/p-Xylenes	10.36	106	414685	40.134	ug/l	99
69) o-Xylene	10.70	106	202319	20.078	ug/l	97
70) Styrene	10.71	104	320987	20.112	ug/l	99
71) Bromoform	10.86	173	70533	18.085	ug/l #	100
73) Isopropylbenzene	11.02	105	532619	20.512	ug/l	99
74) N-amyl acetate	10.90	43	210299	20.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163953	19.889	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	151590m	20.314	ug/l	
77) Bromobenzene	11.26	156	146513	20.478	ug/l	98
78) n-propylbenzene	11.36	91	587210	20.600	ug/l	99
79) 2-Chlorotoluene	11.42	91	347823	20.271	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435246	20.061	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35135	16.917	ug/l #	86
82) 4-Chlorotoluene	11.51	91	402724	20.271	ug/l	100
83) tert-Butylbenzene	11.77	119	425375	19.650	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	447370	20.505	ug/l	99
85) sec-Butylbenzene	11.94	105	534408	20.671	ug/l	100
86) p-Isopropyltoluene	12.06	119	470458	20.345	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255799	19.781	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	256292	21.002	ug/l	99
89) n-Butylbenzene	12.39	91	393694	19.971	ug/l	99
90) Hexachloroethane	12.60	117	62070	18.744	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	255967	20.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30626	18.785	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	168985	19.300	ug/l	98
94) Hexachlorobutadiene	13.78	225	77491	19.944	ug/l	99
95) Naphthalene	13.83	128	527053	19.865	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	173524	19.951	ug/l	97

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

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