

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007971.D
 Acq On : 11 Mar 2019 15:50
 Operator : JC/SP
 Sample : VX0311WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:20:42 PM

Quant Time: Mar 12 08:53:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	266517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127618	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.50	113	113854	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.71	98	428591	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.13	95	153817	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	43764	19.220 ug/l	99
3) Chloromethane	1.33	50	54239	18.484 ug/l	99
4) Vinyl Chloride	1.41	62	56620	19.419 ug/l	100
5) Bromomethane	1.64	94	30870	21.929 ug/l	97
6) Chloroethane	1.73	64	40956	21.145 ug/l	100
7) Trichlorofluoromethane	1.93	101	75541	19.900 ug/l	99
8) Diethyl Ether	2.19	74	32010	19.473 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48515	20.624 ug/l	98
10) Methyl Iodide	2.51	142	63359	18.985 ug/l	99
11) Tert butyl alcohol	3.06	59	62093	98.757 ug/l	99
12) 1,1-Dichloroethene	2.38	96	44907	19.804 ug/l	96
13) Acrolein	2.29	56	32240	91.592 ug/l	99
14) Allyl chloride	2.73	41	89780	18.842 ug/l	99
15) Acrylonitrile	3.15	53	151050	95.179 ug/l	100
16) Acetone	2.45	43	140967	86.626 ug/l	100
17) Carbon Disulfide	2.57	76	134291	19.226 ug/l	100
18) Methyl Acetate	2.78	43	68736	19.882 ug/l	98
19) Methyl tert-butyl Ether	3.20	73	156438	20.054 ug/l	99
20) Methylene Chloride	2.86	84	50682	19.569 ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49052	19.660 ug/l	97
22) Diisopropyl ether	3.87	45	166443	19.056 ug/l	97
23) Vinyl Acetate	3.82	43	722050	94.269 ug/l	99
24) 1,1-Dichloroethane	3.70	63	94291	20.060 ug/l	100
25) 2-Butanone	4.70	43	207882	90.232 ug/l	100
26) 2,2-Dichloropropane	4.59	77	60968	19.578 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54929	19.239 ug/l	98
28) Bromochloromethane	5.02	49	44643	20.372 ug/l	97
29) Tetrahydrofuran	5.15	42	135328	94.170 ug/l	99
30) Chloroform	5.21	83	87694	19.723 ug/l	98
31) Cyclohexane	5.57	56	84916	19.656 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	72854	19.748 ug/l	99
36) 1,1-Dichloropropene	5.80	75	67921	19.959 ug/l	99
37) Ethyl Acetate	4.85	43	75940	18.805 ug/l	99
38) Carbon Tetrachloride	5.79	117	64183	19.866 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85374	20.704	ug/l	97
40) Benzene	6.14	78	204340	20.170	ug/l	100
41) Methacrylonitrile	5.06	41	44015	19.991	ug/l	99
42) 1,2-Dichloroethane	6.20	62	65582	19.794	ug/l	100
43) Isopropyl Acetate	6.46	43	117130	19.598	ug/l	99
44) Trichloroethene	7.21	130	56114	20.099	ug/l	98
45) 1,2-Dichloropropane	7.51	63	53673	20.059	ug/l	100
46) Dibromomethane	7.66	93	33655	19.875	ug/l	98
47) Bromodichloromethane	7.90	83	63590	19.807	ug/l	99
48) Methyl methacrylate	7.77	41	61114	19.449	ug/l	97
49) 1,4-Dioxane	7.75	88	25200	390.402	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	382929	99.628	ug/l	99
52) Toluene	8.78	92	127254	20.574	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68004	20.294	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	77765	20.550	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	51552	20.589	ug/l	97
56) Ethyl methacrylate	9.18	69	77580	20.636	ug/l	98
57) 1,3-Dichloropropane	9.37	76	85513	20.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	198637	102.146	ug/l	98
59) 2-Hexanone	9.49	43	288967	96.836	ug/l	100
60) Dibromochloromethane	9.58	129	52379	20.014	ug/l	98
61) 1,2-Dibromoethane	9.67	107	54481	20.494	ug/l	99
64) Tetrachloroethene	9.34	164	58228	21.255	ug/l	97
65) Chlorobenzene	10.13	112	141389	20.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	50762	20.475	ug/l	99
67) Ethyl Benzene	10.25	91	234382	20.583	ug/l	99
68) m/p-Xylenes	10.36	106	182788	41.645	ug/l	99
69) o-Xylene	10.69	106	87862	20.734	ug/l	99
70) Styrene	10.71	104	145389	20.967	ug/l	99
71) Bromoform	10.85	173	40877	19.199	ug/l #	99
73) Isopropylbenzene	11.02	105	239266	20.938	ug/l	100
74) N-amyl acetate	10.90	43	98382	18.858	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	76444	19.393	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	73984m	20.866	ug/l	
77) Bromobenzene	11.26	156	63174	20.164	ug/l	98
78) n-propylbenzene	11.36	91	266029	20.984	ug/l	99
79) 2-Chlorotoluene	11.42	91	158187	20.408	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	197412	20.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20558	18.534	ug/l	96
82) 4-Chlorotoluene	11.51	91	183282	20.633	ug/l	99
83) tert-Butylbenzene	11.77	119	194748	20.556	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	203175	21.072	ug/l	99
85) sec-Butylbenzene	11.94	105	238623	21.386	ug/l	99
86) p-Isopropyltoluene	12.06	119	213097	21.325	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	113711	20.515	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	113848	20.057	ug/l	100
89) n-Butylbenzene	12.38	91	176795	20.883	ug/l	99
90) Hexachloroethane	12.60	117	33980	20.338	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	112200	20.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15123	18.358	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79611	20.581	ug/l	99
94) Hexachlorobutadiene	13.78	225	44115	21.814	ug/l	99
95) Naphthalene	13.83	128	227151	20.381	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80679	20.937	ug/l	99

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

