

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004487.D
 Acq On : 12 Sep 2018 11:52
 Operator : JC/MD
 Sample : VX0912WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:11 AM

Quant Time: Sep 13 01:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192210	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157464	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	5.50	113	133212	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
50) Toluene-d8	8.72	98	516087	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.14	95	185717	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	45902	21.31	ug/l	97
3) Chloromethane	1.32	50	62921	21.22	ug/l	99
4) Vinyl Chloride	1.40	62	64698	21.26	ug/l	99
5) Bromomethane	1.64	94	34443	26.48	ug/l	98
6) Chloroethane	1.72	64	40206	20.43	ug/l	99
7) Trichlorofluoromethane	1.92	101	83727	20.76	ug/l	96
8) Diethyl Ether	2.19	74	36543	20.21	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52349	20.46	ug/l	99
10) Methyl Iodide	2.51	142	47190	18.37	ug/l	99
11) Tert butyl alcohol	3.07	59	78849	111.49	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50523	21.04	ug/l	98
13) Acrolein	2.29	56	33950	121.61	ug/l	97
14) Allyl chloride	2.73	41	104250	21.11	ug/l	95
15) Acrylonitrile	3.15	53	182330	107.06	ug/l	99
16) Acetone	2.45	43	148985	102.99	ug/l	99
17) Carbon Disulfide	2.57	76	143677	20.70	ug/l	99
18) Methyl Acetate	2.78	43	86512	21.32	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	176756	20.97	ug/l	96
20) Methylene Chloride	2.85	84	58940	19.86	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	55381	20.87	ug/l	92
22) Diisopropyl ether	3.87	45	175076	19.69	ug/l	97
23) Vinyl Acetate	3.82	43	749221	104.11	ug/l	98
24) 1,1-Dichloroethane	3.69	63	106721	21.26	ug/l	98
25) 2-Butanone	4.71	43	220161	95.63	ug/l	99
26) 2,2-Dichloropropane	4.58	77	72648	21.07	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	58202	19.65	ug/l	97
28) Bromochloromethane	5.01	49	49709	21.64	ug/l	94
29) Tetrahydrofuran	5.17	42	145375	104.71	ug/l	96
30) Chloroform	5.21	83	96326	19.65	ug/l	98
31) Cyclohexane	5.57	56	85848	20.02	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	80690	20.44	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71778	17.66	ug/l	100
37) Ethyl Acetate	4.86	43	81795	17.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	70301	17.71	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82938	19.55	ug/l	95
40) Benzene	6.14	78	223106	18.50	ug/l	100
41) Methacrylonitrile	5.06	41	46413	18.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	74340	18.58	ug/l	99
43) Isopropyl Acetate	6.47	43	120743	19.66	ug/l	98
44) Trichloroethene	7.21	130	60804	19.40	ug/l	94
45) 1,2-Dichloropropane	7.52	63	57840	19.93	ug/l	100
46) Dibromomethane	7.66	93	37137	20.25	ug/l	98
47) Bromodichloromethane	7.90	83	68766	19.83	ug/l	97
48) Methyl methacrylate	7.78	41	62231	20.48	ug/l	97
49) 1,4-Dioxane	7.76	88	30681	426.55	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	423023	97.62	ug/l	96
52) Toluene	8.79	92	138692	19.52	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	76133	18.80	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	84476	20.46	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	57545	18.81	ug/l	98
56) Ethyl methacrylate	9.18	69	79307	18.32	ug/l	97
57) 1,3-Dichloropropane	9.37	76	94610	19.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	224487	106.10	ug/l	96
59) 2-Hexanone	9.50	43	325333	97.87	ug/l	96
60) Dibromochloromethane	9.59	129	55413	19.24	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58750	20.10	ug/l	99
64) Tetrachloroethene	9.34	164	70920	17.68	ug/l	98
65) Chlorobenzene	10.14	112	155903	19.54	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	53385	19.40	ug/l	99
67) Ethyl Benzene	10.26	91	254150	19.59	ug/l	99
68) m/p-Xylenes	10.36	106	201981	40.41	ug/l	97
69) o-Xylene	10.70	106	95014	19.77	ug/l	97
70) Styrene	10.71	104	161620	20.30	ug/l	99
71) Bromoform	10.86	173	42752	18.92	ug/l #	99
73) Isopropylbenzene	11.02	105	261023	20.62	ug/l	100
74) N-amyl acetate	10.90	43	106301	19.95	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	81354	19.92	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78388m	20.27	ug/l	
77) Bromobenzene	11.26	156	69493	19.86	ug/l	97
78) n-propylbenzene	11.36	91	300077	20.62	ug/l	100
79) 2-Chlorotoluene	11.42	91	178590	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	218836	20.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24476	20.17	ug/l	98
82) 4-Chlorotoluene	11.51	91	208524	20.24	ug/l	100
83) tert-Butylbenzene	11.77	119	204427	20.18	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	226040	20.80	ug/l	99
85) sec-Butylbenzene	11.95	105	262036	20.30	ug/l	99
86) p-Isopropyltoluene	12.07	119	234738	20.59	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	128574	19.70	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129608	19.21	ug/l	98
89) n-Butylbenzene	12.39	91	202240	19.47	ug/l	97
90) Hexachloroethane	12.60	117	35235	19.31	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	130388	19.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18228	20.91	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	91395	19.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	47818	19.57	ug/l	99
95) Naphthalene	13.83	128	266485	20.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94322	19.62	ug/l	99

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

