

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004951.D
 Acq On : 03 Oct 2018 07:06
 Operator : JC/MD
 Sample : VX1003MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:51 PM

Quant Time: Oct 03 08:46:41 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	235218	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	330771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188469	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173396	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	5.50	113	138027	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	493939	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	11.14	95	176879	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	77717	24.233	ug/l	94
3) Chloromethane	1.32	50	83015	21.335	ug/l	93
4) Vinyl Chloride	1.41	62	80368	22.022	ug/l	98
5) Bromomethane	1.64	94	40578	18.751	ug/l	99
6) Chloroethane	1.72	64	44142	20.837	ug/l	100
7) Trichlorofluoromethane	1.93	101	98811	21.871	ug/l	90
8) Diethyl Ether	2.19	74	41586	21.188	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53364	20.736	ug/l	99
10) Methyl Iodide	2.51	142	43533	12.641	ug/l	91
11) Tert butyl alcohol	3.07	59	104364	111.083	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51453	20.188	ug/l	87
13) Acrolein	2.29	56	24390	36.487	ug/l	93
14) Allyl chloride	2.73	41	108418	19.496	ug/l	94
15) Acrylonitrile	3.15	53	220716	106.718	ug/l	97
16) Acetone	2.45	43	206197	105.112	ug/l	99
17) Carbon Disulfide	2.57	76	141812	18.517	ug/l	95
18) Methyl Acetate	2.78	43	117973	23.736	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	199880	22.736	ug/l	92
20) Methylene Chloride	2.85	84	63432	21.766	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55523	19.901	ug/l #	75
22) Diisopropyl ether	3.86	45	204882	21.879	ug/l #	79
23) Vinyl Acetate	3.82	43	942822	109.994	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	116037	20.773	ug/l	98
25) 2-Butanone	4.70	43	297594	102.917	ug/l	96
26) 2,2-Dichloropropane	4.58	77	46607	11.982	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	62625	20.093	ug/l	98
28) Bromochloromethane	5.02	49	56122	21.336	ug/l	95
29) Tetrahydrofuran	5.16	42	199525	111.018	ug/l	96
30) Chloroform	5.21	83	108558	20.563	ug/l	98
31) Cyclohexane	5.59	56	95988	22.452	ug/l #	73
32) 1,1,1-Trichloroethane	5.50	97	96464	22.374	ug/l	94
36) 1,1-Dichloropropene	5.79	75	77175	20.178	ug/l	93
37) Ethyl Acetate	4.85	43	110731	21.810	ug/l	97
38) Carbon Tetrachloride	5.77	117	79711	19.826	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77499	19.843	ug/l	86
40) Benzene	6.14	78	241313	20.153	ug/l	93
41) Methacrylonitrile	5.06	41	58840	20.898	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87821	20.747	ug/l	97
43) Isopropyl Acetate	6.46	43	148505	20.266	ug/l	95
44) Trichloroethene	7.21	130	59287	20.141	ug/l	96
45) 1,2-Dichloropropane	7.52	63	61392	20.907	ug/l	97
46) Dibromomethane	7.66	93	39499	21.404	ug/l	98
47) Bromodichloromethane	7.90	83	74025	21.424	ug/l	99
48) Methyl methacrylate	7.78	41	73758	22.176	ug/l	99
49) 1,4-Dioxane	7.75	88	34915	422.538	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	521242	112.970	ug/l	98
52) Toluene	8.79	92	137442	20.889	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	72930	18.679	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	82111	20.078	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59279	20.568	ug/l	95
56) Ethyl methacrylate	9.18	69	86677	20.334	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98525	20.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	241764	106.051	ug/l	100
59) 2-Hexanone	9.50	43	405707	105.518	ug/l	94
60) Dibromochloromethane	9.59	129	58261	20.213	ug/l	100
61) 1,2-Dibromoethane	9.67	107	60963	19.751	ug/l	96
64) Tetrachloroethene	9.34	164	64447	20.820	ug/l	98
65) Chlorobenzene	10.14	112	155525	19.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	55804	19.682	ug/l	99
67) Ethyl Benzene	10.26	91	254499	19.876	ug/l	96
68) m/p-Xylenes	10.36	106	199459	39.864	ug/l	95
69) o-Xylene	10.70	106	96450	20.987	ug/l	99
70) Styrene	10.71	104	163313	20.327	ug/l	100
71) Bromoform	10.86	173	47031	19.375	ug/l #	96
73) Isopropylbenzene	11.02	105	257520	21.678	ug/l	100
74) N-amyl acetate	10.90	43	122450	19.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93744	19.386	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86910m	20.574	ug/l	
77) Bromobenzene	11.26	156	71865	20.828	ug/l	99
78) n-propylbenzene	11.36	91	295790	21.701	ug/l	99
79) 2-Chlorotoluene	11.42	91	178758	21.040	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218884	19.985	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20608	14.764	ug/l	96
82) 4-Chlorotoluene	11.51	91	213638	21.363	ug/l	98
83) tert-Butylbenzene	11.77	119	209123	21.381	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227836	20.173	ug/l	99
85) sec-Butylbenzene	11.94	105	256195	21.505	ug/l	100
86) p-Isopropyltoluene	12.07	119	229749	21.286	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128981	20.019	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	131704	19.802	ug/l	99
89) n-Butylbenzene	12.39	91	192615	19.650	ug/l	99
90) Hexachloroethane	12.60	117	34976	19.463	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	131399	19.515	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21884	20.611	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	92781	19.643	ug/l	99
94) Hexachlorobutadiene	13.79	225	46252	18.884	ug/l	99
95) Naphthalene	13.83	128	292339	19.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97769	20.038	ug/l	100

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

