

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002106.D
 Acq On : 29 May 2018 21:06
 Operator : JC/MD
 Sample : VX0529MBS01
 Misc : 5.00G/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0529MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:51:00 PM

Quant Time: May 30 08:09:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	229652	40.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.92%	
35) Dibromofluoromethane	5.51	113	175710	39.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.14%	
50) Toluene-d8	8.72	98	642737	39.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.94%	
62) 4-Bromofluorobenzene	11.14	95	248108	38.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68254	16.00	ug/l	96
3) Chloromethane	1.32	50	86790	17.98	ug/l	100
4) Vinyl Chloride	1.40	62	84809	18.20	ug/l	100
5) Bromomethane	1.64	94	42326	19.14	ug/l	93
6) Chloroethane	1.73	64	55653	20.26	ug/l	100
7) Trichlorofluoromethane	1.93	101	137230	19.61	ug/l	99
8) Diethyl Ether	2.19	74	53608	21.11	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75552	19.35	ug/l	99
10) Methyl Iodide	2.51	142	69580	13.17	ug/l	98
11) Tert butyl alcohol	3.08	59	110721	100.59	ug/l	97
12) 1,1-Dichloroethene	2.37	96	72528	19.84	ug/l	99
13) Acrolein	2.30	56	42314	88.91	ug/l	98
14) Allyl chloride	2.73	41	151297	19.71	ug/l	100
15) Acrylonitrile	3.15	53	230959	102.04	ug/l	99
16) Acetone	2.45	43	209533	96.83	ug/l	99
17) Carbon Disulfide	2.57	76	190395	18.09	ug/l	99
18) Methyl Acetate	2.78	43	112786	20.97	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	281658	20.48	ug/l	99
20) Methylene Chloride	2.86	84	83354	21.29	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	76715	20.62	ug/l	99
22) Diisopropyl ether	3.88	45	301716	19.33	ug/l	99
23) Vinyl Acetate	3.83	43	1322094	102.14	ug/l	98
24) 1,1-Dichloroethane	3.70	63	152173	20.52	ug/l	98
25) 2-Butanone	4.71	43	354820	89.46	ug/l	99
26) 2,2-Dichloropropane	4.59	77	114536	15.26	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	88647	18.59	ug/l	89
28) Bromochloromethane	5.02	49	80302	24.74	ug/l	100
29) Tetrahydrofuran	5.17	42	233046	90.31	ug/l	100
30) Chloroform	5.22	83	150704	18.04	ug/l	98
31) Cyclohexane	5.57	56	138943	17.98	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	138073	17.73	ug/l	99
36) 1,1-Dichloropropene	5.80	75	108699	17.38	ug/l	98
37) Ethyl Acetate	4.87	43	141975	17.41	ug/l	100
38) Carbon Tetrachloride	5.79	117	118367	16.23	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136981	17.82	ug/l	99
40) Benzene	6.15	78	332240	18.13	ug/l	99
41) Methacrylonitrile	5.07	41	80800	17.90	ug/l	99
42) 1,2-Dichloroethane	6.20	62	131723	17.99	ug/l	99
43) Isopropyl Acetate	6.47	43	237196	17.45	ug/l	100
44) Trichloroethene	7.22	130	96445	18.06	ug/l	99
45) 1,2-Dichloropropane	7.52	63	89637	18.01	ug/l	99
46) Dibromomethane	7.67	93	57971	17.59	ug/l	99
47) Bromodichloromethane	7.90	83	112563	16.02	ug/l	99
48) Methyl methacrylate	7.78	41	121266	17.53	ug/l	99
49) 1,4-Dioxane	7.76	88	42549	349.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	739115	90.22	ug/l	99
52) Toluene	8.79	92	210415	18.04	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	135047	16.69	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	125118	15.87	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	84752	17.39	ug/l	97
56) Ethyl methacrylate	9.19	69	142252	16.97	ug/l	98
57) 1,3-Dichloropropane	9.38	76	144460	18.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	326737	87.96	ug/l	100
59) 2-Hexanone	9.50	43	557526	88.26	ug/l	99
60) Dibromochloromethane	9.59	129	87508	15.16	ug/l	99
61) 1,2-Dibromoethane	9.68	107	89027	17.41	ug/l	99
64) Tetrachloroethene	9.34	164	108916	18.69	ug/l	99
65) Chlorobenzene	10.14	112	230788	17.93	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	87047	16.74	ug/l	100
67) Ethyl Benzene	10.26	91	411521	18.40	ug/l	99
68) m/p-Xylenes	10.37	106	319379	37.35	ug/l	100
69) o-Xylene	10.70	106	156933	18.38	ug/l	99
70) Styrene	10.72	104	250103	17.66	ug/l	99
71) Bromoform	10.86	173	68551	13.91	ug/l	99
73) Isopropylbenzene	11.02	105	410001	18.71	ug/l	99
74) N-amyl acetate	6.47	43	237196	18.90	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	119853	19.21	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	129296m	20.80	ug/l	
77) Bromobenzene	11.26	156	108788	18.71	ug/l	99
78) n-propylbenzene	11.37	91	461994	18.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	276908	19.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347192	18.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36841	14.24	ug/l	91
82) 4-Chlorotoluene	11.52	91	320863	18.53	ug/l	99
83) tert-Butylbenzene	11.77	119	328894	17.89	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	373389	19.29	ug/l	99
85) sec-Butylbenzene	11.95	105	399834	18.10	ug/l	100
86) p-Isopropyltoluene	12.07	119	358002	18.11	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	189307	18.18	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	188907	18.14	ug/l	100
89) n-Butylbenzene	12.39	91	304256	18.16	ug/l	99
90) Hexachloroethane	12.60	117	59567	15.27	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	193542	18.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	32329	16.59	ug/l	97

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QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136373	17.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	70250	17.21	ug/l	100
95) Naphthalene	13.84	128	464034	19.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142461	18.15	ug/l	100

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

