

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005667.D
 Acq On : 29 Oct 2018 18:17
 Operator : JC/MD
 Sample : VX1029MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:50:56 AM

Quant Time: Oct 30 03:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137144	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	106260	41.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.40%	
50) Toluene-d8	8.71	98	397698	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	11.14	95	153195	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51936	21.614	ug/l	92
3) Chloromethane	1.32	50	52713	17.226	ug/l	100
4) Vinyl Chloride	1.40	62	55014	18.284	ug/l	92
5) Bromomethane	1.64	94	27559	14.720	ug/l	98
6) Chloroethane	1.71	64	35052	18.236	ug/l	90
7) Trichlorofluoromethane	1.93	101	74364	17.787	ug/l	97
8) Diethyl Ether	2.19	74	30900	18.520	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41530	17.313	ug/l	99
10) Methyl Iodide	2.51	142	34170	15.621	ug/l	97
11) Tert butyl alcohol	3.07	59	77281	96.643	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40370	17.666	ug/l	90
13) Acrolein	2.29	56	51993	127.462	ug/l	99
14) Allyl chloride	2.73	41	87787	17.213	ug/l	98
15) Acrylonitrile	3.15	53	155805	86.890	ug/l	99
16) Acetone	2.45	43	142899	91.004	ug/l	98
17) Carbon Disulfide	2.57	76	115159	16.532	ug/l	99
18) Methyl Acetate	2.78	43	75477	18.538	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	151206	18.550	ug/l	100
20) Methylene Chloride	2.85	84	46838	17.810	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	43126	17.285	ug/l	97
22) Diisopropyl ether	3.87	45	163679	18.378	ug/l	97
23) Vinyl Acetate	3.82	43	690242	88.000	ug/l	99
24) 1,1-Dichloroethane	3.69	63	86424	17.849	ug/l	100
25) 2-Butanone	4.70	43	214275	89.611	ug/l	93
26) 2,2-Dichloropropane	4.59	77	63449	16.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51188	19.030	ug/l	95
28) Bromochloromethane	5.03	49	47163	20.139	ug/l	97
29) Tetrahydrofuran	5.15	42	141220	90.752	ug/l	99
30) Chloroform	5.22	83	77914	17.202	ug/l	95
31) Cyclohexane	5.57	56	74976	18.715	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	68747	17.197	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57977	15.876	ug/l	96
37) Ethyl Acetate	4.85	43	81547	17.499	ug/l	99
38) Carbon Tetrachloride	5.78	117	59697	15.521	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65416	16.222	ug/l #	87
40) Benzene	6.14	78	187048	17.868	ug/l	99
41) Methacrylonitrile	5.06	41	40915	15.762	ug/l	97
42) 1,2-Dichloroethane	6.20	62	63832	16.051	ug/l	99
43) Isopropyl Acetate	6.46	43	114444	16.388	ug/l	96
44) Trichloroethene	7.21	130	47140	16.529	ug/l	93
45) 1,2-Dichloropropane	7.51	63	46575	16.548	ug/l	96
46) Dibromomethane	7.66	93	29822	16.406	ug/l	99
47) Bromodichloromethane	7.90	83	54268	15.382	ug/l	99
48) Methyl methacrylate	7.77	41	56076	16.483	ug/l	98
49) 1,4-Dioxane	7.76	88	25953	349.091	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	388055	82.685	ug/l	99
52) Toluene	8.79	92	107984	16.973	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59789	15.680	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	66734	16.256	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44689	16.660	ug/l	98
56) Ethyl methacrylate	9.18	69	67774	16.939	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74163	16.340	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201097	89.993	ug/l	99
59) 2-Hexanone	9.49	43	309561	83.658	ug/l	98
60) Dibromochloromethane	9.58	129	43676	15.606	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46626	16.802	ug/l	100
64) Tetrachloroethene	9.34	164	48724	17.567	ug/l	98
65) Chlorobenzene	10.14	112	122601	17.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	42911	16.541	ug/l	99
67) Ethyl Benzene	10.25	91	207859	17.757	ug/l	100
68) m/p-Xylenes	10.36	106	161193	35.493	ug/l	99
69) o-Xylene	10.70	106	79480	18.602	ug/l	100
70) Styrene	10.71	104	129544	18.111	ug/l	99
71) Bromoform	10.86	173	35053	15.142	ug/l #	99
73) Isopropylbenzene	11.02	105	213963	19.145	ug/l	99
74) N-amyl acetate	10.90	43	101732	18.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71532	17.349	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	68231m	17.614	ug/l	
77) Bromobenzene	11.26	156	57050	18.317	ug/l	98
78) n-propylbenzene	11.36	91	246904	19.321	ug/l	99
79) 2-Chlorotoluene	11.42	91	144136	18.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181094	18.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19223	16.215	ug/l	97
82) 4-Chlorotoluene	11.51	91	171657	18.373	ug/l	100
83) tert-Butylbenzene	11.77	119	180802	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	187549	19.356	ug/l	100
85) sec-Butylbenzene	11.94	105	220668	19.406	ug/l	100
86) p-Isopropyltoluene	12.07	119	198397	19.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105828	18.069	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	106673	17.449	ug/l	99
89) n-Butylbenzene	12.39	91	173367	18.892	ug/l	99
90) Hexachloroethane	12.60	117	29103	16.600	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	105288	17.768	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17260	17.313	ug/l #	54

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82049	19.101	ug/l	99
94) Hexachlorobutadiene	13.78	225	37757	16.962	ug/l	99
95) Naphthalene	13.83	128	254162	20.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84409	19.385	ug/l	97

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

