

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101918\
 Data File : VX005448.D
 Acq On : 19 Oct 2018 10:46
 Operator : JC/MD
 Sample : VX1019MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2018 11:06:51 AM

Quant Time: Oct 20 04:37:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	295132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	429013	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	369526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163128	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	144001	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.71	98	487015	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.14	95	179072	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41794	18.112	ug/l	100
3) Chloromethane	1.32	50	58124	17.383	ug/l	99
4) Vinyl Chloride	1.40	62	60599	17.891	ug/l	95
5) Bromomethane	1.64	94	34786	18.556	ug/l	100
6) Chloroethane	1.72	64	37464	17.791	ug/l	100
7) Trichlorofluoromethane	1.93	101	81755	18.087	ug/l	88
8) Diethyl Ether	2.19	74	38453	19.922	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53364	20.455	ug/l	97
10) Methyl Iodide	2.51	142	56709	21.326	ug/l	99
11) Tert butyl alcohol	3.07	59	89943	97.344	ug/l	100
12) 1,1-Dichloroethene	2.38	96	48858	18.902	ug/l #	78
13) Acrolein	2.29	56	33546	55.210	ug/l	93
14) Allyl chloride	2.73	41	104747	18.457	ug/l	95
15) Acrylonitrile	3.15	53	198631	94.867	ug/l	99
16) Acetone	2.45	43	180861	95.499	ug/l	97
17) Carbon Disulfide	2.57	76	126502	16.155	ug/l	99
18) Methyl Acetate	2.78	43	111179	20.635	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	184508	20.267	ug/l	99
20) Methylene Chloride	2.85	84	57263	19.965	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	53537	18.689	ug/l #	80
22) Diisopropyl ether	3.87	45	190442	19.979	ug/l	92
23) Vinyl Acetate	3.82	43	779938	93.614	ug/l	95
24) 1,1-Dichloroethane	3.69	63	104915	19.205	ug/l	96
25) 2-Butanone	4.71	43	273934	98.859	ug/l	99
26) 2,2-Dichloropropane	4.58	77	81434	19.932	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	58815	18.892	ug/l	94
28) Bromochloromethane	5.01	49	56037	22.501	ug/l	95
29) Tetrahydrofuran	5.15	42	177141	100.221	ug/l	92
30) Chloroform	5.21	83	100771	19.873	ug/l	87
31) Cyclohexane	5.59	56	85200	18.922	ug/l #	86
32) 1,1,1-Trichloroethane	5.49	97	87393	19.808	ug/l	95
36) 1,1-Dichloropropene	5.79	75	74096	17.833	ug/l	99
37) Ethyl Acetate	4.85	43	99914	18.699	ug/l	97
38) Carbon Tetrachloride	5.77	117	72449	17.354	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74962	16.670	ug/l	96
40) Benzene	6.14	78	212115	17.018	ug/l	99
41) Methacrylonitrile	5.06	41	53775	18.772	ug/l	96
42) 1,2-Dichloroethane	6.20	62	76944	17.483	ug/l	99
43) Isopropyl Acetate	6.46	43	143780	20.200	ug/l	96
44) Trichloroethene	7.21	130	55999	17.187	ug/l	93
45) 1,2-Dichloropropane	7.52	63	53631	17.541	ug/l	98
46) Dibromomethane	7.66	93	34798	17.244	ug/l	97
47) Bromodichloromethane	7.90	83	66993	17.948	ug/l	97
48) Methyl methacrylate	7.77	41	65642	17.781	ug/l	95
49) 1,4-Dioxane	7.75	88	31177	366.149	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	452555	91.823	ug/l	95
52) Toluene	8.79	92	128784	18.886	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	75012	18.570	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	82067	18.750	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	53952	18.680	ug/l	98
56) Ethyl methacrylate	9.18	69	79558	18.895	ug/l	97
57) 1,3-Dichloropropane	9.37	76	89905	18.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	250511	106.090	ug/l	95
59) 2-Hexanone	9.49	43	361350	91.146	ug/l	94
60) Dibromochloromethane	9.59	129	54973	18.414	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56146	18.523	ug/l	98
64) Tetrachloroethene	9.34	164	59386	19.962	ug/l	98
65) Chlorobenzene	10.14	112	146760	18.671	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	52968	18.910	ug/l	99
67) Ethyl Benzene	10.25	91	241569	18.905	ug/l	96
68) m/p-Xylenes	10.36	106	188949	38.097	ug/l	96
69) o-Xylene	10.70	106	90125	18.842	ug/l	97
70) Styrene	10.71	104	151744	19.287	ug/l	98
71) Bromoform	10.86	173	45590	18.213	ug/l #	99
73) Isopropylbenzene	11.02	105	250019	20.504	ug/l	100
74) N-amyl acetate	10.90	43	110674	18.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	84667	18.407	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	80513m	20.236	ug/l	
77) Bromobenzene	11.26	156	68546	19.661	ug/l	98
78) n-propylbenzene	11.36	91	285167	20.323	ug/l	100
79) 2-Chlorotoluene	11.42	91	170353	19.824	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	211210	20.227	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23721	18.116	ug/l	98
82) 4-Chlorotoluene	11.51	91	200060	19.639	ug/l	99
83) tert-Butylbenzene	11.77	119	212917	20.136	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	219242	20.403	ug/l	98
85) sec-Butylbenzene	11.94	105	256542	20.501	ug/l	99
86) p-Isopropyltoluene	12.07	119	230037	20.339	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126534	19.422	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126950	19.048	ug/l	98
89) n-Butylbenzene	12.39	91	197287	19.212	ug/l	97
90) Hexachloroethane	12.60	117	34214	17.553	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	125450	18.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19217	17.127	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96211	19.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	49335	19.151	ug/l	98
95) Naphthalene	13.83	128	281733	19.917	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99438	19.924	ug/l	98

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

