

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005802.D
 Acq On : 06 Nov 2018 12:12
 Operator : JC/MD
 Sample : VX1106MBS01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2018 11:02:34 AM

Quant Time: Nov 07 08:34:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	114973	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	5.51	113	89747	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	347691	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	11.14	95	120355	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36779	18.198	ug/l	97
3) Chloromethane	1.32	50	45579	19.120	ug/l	96
4) Vinyl Chloride	1.41	62	46540	18.765	ug/l	98
5) Bromomethane	1.64	94	32057	10.416	ug/l	97
6) Chloroethane	1.72	64	28908	19.954	ug/l	99
7) Trichlorofluoromethane	1.93	101	58879	18.495	ug/l	98
8) Diethyl Ether	2.19	74	26395	18.446	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34476	17.829	ug/l	93
10) Methyl Iodide	2.51	142	34617	19.618	ug/l	95
11) Tert butyl alcohol	3.07	59	58366	84.024	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33137	17.586	ug/l	98
13) Acrolein	2.29	56	40805	90.284	ug/l	97
14) Allyl chloride	2.73	41	66421	17.047	ug/l #	95
15) Acrylonitrile	3.15	53	133218	87.214	ug/l	97
16) Acetone	2.45	43	114504	80.753	ug/l	96
17) Carbon Disulfide	2.57	76	87300	15.077	ug/l	99
18) Methyl Acetate	2.78	43	66939	18.235	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	127712	19.580	ug/l	97
20) Methylene Chloride	2.86	84	39931	18.103	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	34774	17.440	ug/l	93
22) Diisopropyl ether	3.87	45	129050	17.855	ug/l #	91
23) Vinyl Acetate	3.82	43	545112	86.588	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68890	16.856	ug/l	98
25) 2-Butanone	4.70	43	177695	82.355	ug/l	96
26) 2,2-Dichloropropane	4.59	77	54809	17.940	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	40733	18.181	ug/l	98
28) Bromochloromethane	5.01	49	35185	17.646	ug/l	97
29) Tetrahydrofuran	5.16	42	110324	83.772	ug/l	92
30) Chloroform	5.21	83	69880	17.488	ug/l	97
31) Cyclohexane	5.57	56	58084	16.995	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	56219	17.580	ug/l	97
36) 1,1-Dichloropropene	5.80	75	48654	16.815	ug/l	98
37) Ethyl Acetate	4.86	43	65047	17.621	ug/l	98
38) Carbon Tetrachloride	5.79	117	46736	17.878	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52981	17.557	ug/l	95
40) Benzene	6.14	78	151711	17.624	ug/l	92
41) Methacrylonitrile	5.06	41	34978	17.537	ug/l	96
42) 1,2-Dichloroethane	6.20	62	55622	17.481	ug/l	99
43) Isopropyl Acetate	6.46	43	93911	17.528	ug/l	96
44) Trichloroethene	7.21	130	38467	19.322	ug/l	86
45) 1,2-Dichloropropane	7.52	63	45032	20.414	ug/l	98
46) Dibromomethane	7.66	93	24069	17.073	ug/l	91
47) Bromodichloromethane	7.90	83	46993	17.771	ug/l	97
48) Methyl methacrylate	7.77	41	47726	18.405	ug/l	97
49) 1,4-Dioxane	7.75	88	19072	330.287	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	319069	87.337	ug/l	97
52) Toluene	8.79	92	92225	19.808	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	52499	18.319	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	56082	18.266	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38813	19.195	ug/l	92
56) Ethyl methacrylate	9.18	69	56957	18.245	ug/l	98
57) 1,3-Dichloropropane	9.37	76	63306	18.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	174406	96.102	ug/l	100
59) 2-Hexanone	9.49	43	262367	88.248	ug/l	93
60) Dibromochloromethane	9.59	129	32463	16.614	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37763	18.328	ug/l	100
64) Tetrachloroethene	9.34	164	35460	19.036	ug/l	95
65) Chlorobenzene	10.14	112	94447	17.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	31984	17.244	ug/l	97
67) Ethyl Benzene	10.25	91	164895	17.832	ug/l	98
68) m/p-Xylenes	10.36	106	124056	36.104	ug/l	97
69) o-Xylene	10.70	106	61799	18.805	ug/l	98
70) Styrene	10.71	104	102686	18.813	ug/l	98
71) Bromoform	10.86	173	24092	16.031	ug/l #	99
73) Isopropylbenzene	11.02	105	165309	20.130	ug/l	99
74) N-amyl acetate	10.90	43	80298	18.366	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	60939	17.887	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57359m	18.502	ug/l	
77) Bromobenzene	11.26	156	40439	19.851	ug/l	90
78) n-propylbenzene	11.36	91	198401	19.860	ug/l	97
79) 2-Chlorotoluene	11.42	91	115177	19.304	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	139138	19.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17244	17.971	ug/l	97
82) 4-Chlorotoluene	11.51	91	135868	19.074	ug/l	98
83) tert-Butylbenzene	11.77	119	134961	20.286	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	144768	20.561	ug/l	98
85) sec-Butylbenzene	11.94	105	171648	20.113	ug/l	97
86) p-Isopropyltoluene	12.07	119	147982	20.388	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	75360	19.132	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	75388	17.816	ug/l	97
89) n-Butylbenzene	12.39	91	143952	19.657	ug/l	98
90) Hexachloroethane	12.60	117	21709	16.858	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	75631	18.379	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14325	17.927	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54934	20.814	ug/l	98
94) Hexachlorobutadiene	13.79	225	24081	18.860	ug/l	99
95) Naphthalene	13.83	128	191610	22.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	55683	20.724	ug/l	99

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

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