

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005997.D
 Acq On : 15 Nov 2018 02:20
 Operator : JC/MD
 Sample : VX1114MBSD02
 Misc : 5.0g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:04:20 PM

Quant Time: Nov 15 06:39:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	122183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	191866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	151911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	66100	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	5.49	113	57510	44.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.14%	
50) Toluene-d8	8.71	98	189399	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
62) 4-Bromofluorobenzene	11.14	95	70396	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20764	18.85	ug/l	97
3) Chloromethane	1.32	50	26844	18.57	ug/l	98
4) Vinyl Chloride	1.40	62	26798	18.46	ug/l	94
5) Bromomethane	1.64	94	15662	17.63	ug/l	99
6) Chloroethane	1.72	64	17261	19.93	ug/l	98
7) Trichlorofluoromethane	1.93	101	35101	18.22	ug/l	98
8) Diethyl Ether	2.19	74	15320	20.29	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	20499	18.50	ug/l	94
10) Methyl Iodide	2.51	142	23398	17.42	ug/l	98
11) Tert butyl alcohol	3.07	59	39120	97.22	ug/l	99
12) 1,1-Dichloroethene	2.37	96	21968	20.34	ug/l	94
13) Acrolein	2.29	56	25116	140.04	ug/l	89
14) Allyl chloride	2.73	41	46398	19.24	ug/l	99
15) Acrylonitrile	3.15	53	85594	102.64	ug/l	99
16) Acetone	2.45	43	75059	99.25	ug/l	96
17) Carbon Disulfide	2.57	76	56317	17.48	ug/l	100
18) Methyl Acetate	2.78	43	44551	21.12	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	76811	20.84	ug/l	98
20) Methylene Chloride	2.85	84	24982	20.11	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	23011	20.20	ug/l	98
22) Diisopropyl ether	3.87	45	87310	20.66	ug/l	# 96
23) Vinyl Acetate	3.82	43	381569	105.32	ug/l	99
24) 1,1-Dichloroethane	3.70	63	45683	20.27	ug/l	99
25) 2-Butanone	4.70	43	121762	102.40	ug/l	93
26) 2,2-Dichloropropane	4.59	77	29405	17.78	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	25260	20.08	ug/l	96
28) Bromochloromethane	5.01	49	23257	23.08	ug/l	96
29) Tetrahydrofuran	5.15	42	79932	104.70	ug/l	96
30) Chloroform	5.22	83	45578	20.96	ug/l	91
31) Cyclohexane	5.57	56	36394	18.60	ug/l	# 91
32) 1,1,1-Trichloroethane	5.50	97	36499	20.12	ug/l	100
36) 1,1-Dichloropropene	5.79	75	29923	16.18	ug/l	97
37) Ethyl Acetate	4.85	43	44010	18.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	31656	17.10	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29038	15.49	ug/l	97
40) Benzene	6.15	78	92194	17.10	ug/l	98
41) Methacrylonitrile	5.06	41	24116	18.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	33121	17.15	ug/l	99
43) Isopropyl Acetate	6.46	43	63707	18.08	ug/l	99
44) Trichloroethene	7.21	130	22362	16.33	ug/l	96
45) 1,2-Dichloropropane	7.51	63	23528	17.98	ug/l	95
46) Dibromomethane	7.66	93	14668	17.86	ug/l	99
47) Bromodichloromethane	7.90	83	28355	18.27	ug/l	98
48) Methyl methacrylate	7.77	41	28815	18.21	ug/l	100
49) 1,4-Dioxane	7.75	88	12511	366.88	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	197692	89.00	ug/l	99
52) Toluene	8.79	92	52410	17.39	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	29384	16.04	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	32911	17.63	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	21909	16.31	ug/l	98
56) Ethyl methacrylate	9.18	69	33337	16.59	ug/l	100
57) 1,3-Dichloropropane	9.37	76	37176	16.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	94415	91.64	ug/l	99
59) 2-Hexanone	9.49	43	156038	79.70	ug/l	100
60) Dibromochloromethane	9.58	129	21962	15.13	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22914	15.43	ug/l	100
64) Tetrachloroethene	9.33	164	23624	18.27	ug/l	97
65) Chlorobenzene	10.14	112	58688	19.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	21535	20.35	ug/l	100
67) Ethyl Benzene	10.25	91	98308	20.15	ug/l	99
68) m/p-Xylenes	10.36	106	75737	40.69	ug/l	99
69) o-Xylene	10.70	106	35922	21.52	ug/l	99
70) Styrene	10.71	104	59936	21.77	ug/l	99
71) Bromoform	10.86	173	17807	20.08	ug/l #	100
73) Isopropylbenzene	11.02	105	99389	20.77	ug/l	100
74) N-amyl acetate	10.90	43	49246	19.13	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	35435	20.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	34402m	20.41	ug/l	
77) Bromobenzene	11.26	156	26755	19.83	ug/l	98
78) n-propylbenzene	11.36	91	113372	20.10	ug/l	99
79) 2-Chlorotoluene	11.42	91	69348	20.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	84291	20.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9797	18.53	ug/l	96
82) 4-Chlorotoluene	11.51	91	81907	20.38	ug/l	98
83) tert-Butylbenzene	11.77	119	81384	19.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	87417	19.40	ug/l	99
85) sec-Butylbenzene	11.94	105	99533	19.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	87851	19.71	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	48696	18.81	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	49756	18.77	ug/l	99
89) n-Butylbenzene	12.39	91	74724	18.09	ug/l	99
90) Hexachloroethane	12.60	117	14050	18.88	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	49630	19.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8846	20.63	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35202	19.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	16246	16.94	ug/l	100
95) Naphthalene	13.83	128	109584	19.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36146	19.43	ug/l	100

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

