

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006096.D
 Acq On : 19 Nov 2018 17:27
 Operator : JC/MD
 Sample : VX1119MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1119MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:44 AM

Quant Time: Nov 20 00:42:33 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	5.67	168	132461	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	191773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	70103	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.51	113	58395	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.71	98	192462	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
62) 4-Bromofluorobenzene	11.14	95	72011	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	16805	14.07	ug/l	99
3) Chloromethane	1.32	50	23888	15.24	ug/l	95
4) Vinyl Chloride	1.40	62	23438	14.90	ug/l	91
5) Bromomethane	1.64	94	13620	14.14	ug/l	98
6) Chloroethane	1.72	64	15932	16.97	ug/l	95
7) Trichlorofluoromethane	1.93	101	32958	15.78	ug/l	94
8) Diethyl Ether	2.19	74	15251	18.64	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19891	16.56	ug/l	96
10) Methyl Iodide	2.51	142	24158	16.59	ug/l	94
11) Tert butyl alcohol	3.07	59	38801	88.95	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19052	16.27	ug/l	97
13) Acrolein	2.29	56	17192	95.48	ug/l	93
14) Allyl chloride	2.73	41	43211	16.52	ug/l	98
15) Acrylonitrile	3.15	53	86777	95.99	ug/l	99
16) Acetone	2.45	43	74163	90.45	ug/l	92
17) Carbon Disulfide	2.57	76	46176	13.22	ug/l	99
18) Methyl Acetate	2.78	43	43613	18.93	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	76189	19.07	ug/l	98
20) Methylene Chloride	2.86	84	23467	17.42	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	20758	16.81	ug/l	90
22) Diisopropyl ether	3.87	45	83953	18.33	ug/l	# 93
23) Vinyl Acetate	3.82	43	323765	82.43	ug/l	100
24) 1,1-Dichloroethane	3.70	63	43667	17.87	ug/l	99
25) 2-Butanone	4.70	43	120377	93.38	ug/l	97
26) 2,2-Dichloropropane	4.58	77	28109	15.68	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	25935	19.02	ug/l	95
28) Bromochloromethane	5.01	49	21237	19.44	ug/l	93
29) Tetrahydrofuran	5.15	42	77249	93.33	ug/l	97
30) Chloroform	5.21	83	42392	17.98	ug/l	97
31) Cyclohexane	5.57	56	33675	15.87	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	34577	17.58	ug/l	98
36) 1,1-Dichloropropene	5.79	75	30396	16.44	ug/l	97
37) Ethyl Acetate	4.85	43	41698	17.15	ug/l	99
38) Carbon Tetrachloride	5.78	117	27971	15.11	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28881	15.41	ug/l	94
40) Benzene	6.15	78	94992	17.63	ug/l	97
41) Methacrylonitrile	5.06	41	23918	18.21	ug/l	98
42) 1,2-Dichloroethane	6.20	62	33229	17.21	ug/l	99
43) Isopropyl Acetate	6.46	43	60366	17.14	ug/l	98
44) Trichloroethene	7.21	130	24522	17.92	ug/l	83
45) 1,2-Dichloropropane	7.52	63	22877	17.49	ug/l	99
46) Dibromomethane	7.66	93	14515	17.68	ug/l	99
47) Bromodichloromethane	7.90	83	26664	17.19	ug/l	99
48) Methyl methacrylate	7.77	41	27763	17.55	ug/l	97
49) 1,4-Dioxane	7.75	88	12970	380.52	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	201060	90.56	ug/l	99
52) Toluene	8.79	92	50398	16.73	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28412	15.52	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	31017	16.62	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22395	16.68	ug/l	97
56) Ethyl methacrylate	9.18	69	31406	15.64	ug/l	98
57) 1,3-Dichloropropane	9.37	76	36365	16.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	96006	93.09	ug/l	100
59) 2-Hexanone	9.49	43	157839	80.65	ug/l	99
60) Dibromochloromethane	9.59	129	21057	14.51	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22550	15.19	ug/l	100
64) Tetrachloroethene	9.34	164	23306	17.58	ug/l	97
65) Chlorobenzene	10.14	112	58401	18.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	20231	18.66	ug/l	100
67) Ethyl Benzene	10.25	91	98179	19.63	ug/l	100
68) m/p-Xylenes	10.36	106	75406	39.53	ug/l	97
69) o-Xylene	10.70	106	37290	21.80	ug/l	100
70) Styrene	10.71	104	62409	22.12	ug/l	99
71) Bromoform	10.86	173	17081	18.79	ug/l #	99
73) Isopropylbenzene	11.02	105	101482	20.67	ug/l	100
74) N-amyl acetate	10.90	43	44664	17.06	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	36051	20.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	34685m	20.06	ug/l	
77) Bromobenzene	11.26	156	27160	19.63	ug/l	99
78) n-propylbenzene	11.36	91	116639	20.16	ug/l	99
79) 2-Chlorotoluene	11.42	91	69056	19.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	84513	20.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	9605	17.71	ug/l	92
82) 4-Chlorotoluene	11.51	91	81237	19.71	ug/l	99
83) tert-Butylbenzene	11.77	119	84659	20.06	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	88939	19.24	ug/l	99
85) sec-Butylbenzene	11.94	105	102777	19.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	92505	20.23	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	49151	18.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	50696	18.65	ug/l	99
89) n-Butylbenzene	12.39	91	80491	18.99	ug/l	100
90) Hexachloroethane	12.60	117	12915	16.92	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	50113	18.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8254	18.77	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	36764	19.63	ug/l	99
94) Hexachlorobutadiene	13.78	225	16780	17.06	ug/l	98
95) Naphthalene	13.83	128	117400	19.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	37800	19.81	ug/l	99

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

