

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006019.D
 Acq On : 15 Nov 2018 14:54
 Operator : JC/MD
 Sample : VX1115MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:41:04 AM

Quant Time: Nov 15 17:03:55 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	136419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	202494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	171213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	66944	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	5.50	113	56311	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
50) Toluene-d8	8.71	98	210749	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.13	95	78119	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21044	17.11	ug/l	96
3) Chloromethane	1.32	50	26535	16.44	ug/l	97
4) Vinyl Chloride	1.40	62	27608	17.04	ug/l	96
5) Bromomethane	1.64	94	15670	15.80	ug/l	98
6) Chloroethane	1.72	64	16369	16.93	ug/l	97
7) Trichlorofluoromethane	1.93	101	38132	17.73	ug/l	99
8) Diethyl Ether	2.19	74	15687	18.61	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23399	18.91	ug/l	97
10) Methyl Iodide	2.51	142	25166	16.78	ug/l	95
11) Tert butyl alcohol	3.06	59	38962	86.72	ug/l	98
12) 1,1-Dichloroethene	2.37	96	20796	17.25	ug/l	95
13) Acrolein	2.29	56	24401	124.34	ug/l	99
14) Allyl chloride	2.73	41	47715	17.72	ug/l	99
15) Acrylonitrile	3.15	53	88429	94.98	ug/l	98
16) Acetone	2.44	43	72509	85.87	ug/l	97
17) Carbon Disulfide	2.57	76	57092	15.87	ug/l	97
18) Methyl Acetate	2.78	43	45123	19.02	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	81292	19.75	ug/l	95
20) Methylene Chloride	2.85	84	25895	18.67	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	22953	18.05	ug/l	94
22) Diisopropyl ether	3.86	45	89800	19.04	ug/l	88
23) Vinyl Acetate	3.82	43	395388	97.75	ug/l	98
24) 1,1-Dichloroethane	3.70	63	46168	18.34	ug/l	99
25) 2-Butanone	4.69	43	117846	88.77	ug/l	97
26) 2,2-Dichloropropane	4.58	77	35877	19.43	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	26002	18.52	ug/l	96
28) Bromochloromethane	5.02	49	20400	18.14	ug/l	96
29) Tetrahydrofuran	5.15	42	76541	89.80	ug/l	97
30) Chloroform	5.21	83	47430	19.53	ug/l	90
31) Cyclohexane	5.57	56	37746	17.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	36711	18.13	ug/l	99
36) 1,1-Dichloropropene	5.79	75	31870	16.33	ug/l	99
37) Ethyl Acetate	4.85	43	42470	16.54	ug/l	99
38) Carbon Tetrachloride	5.78	117	30618	15.67	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33906	17.14	ug/l	98
40) Benzene	6.14	78	93177	16.37	ug/l	96
41) Methacrylonitrile	5.06	41	24153	17.41	ug/l	98
42) 1,2-Dichloroethane	6.20	62	33600	16.48	ug/l	100
43) Isopropyl Acetate	6.46	43	62070	16.69	ug/l	98
44) Trichloroethene	7.21	130	25051	17.33	ug/l	89
45) 1,2-Dichloropropane	7.52	63	25437	18.42	ug/l	95
46) Dibromomethane	7.66	93	15682	18.09	ug/l	100
47) Bromodichloromethane	7.90	83	30843	18.83	ug/l	98
48) Methyl methacrylate	7.77	41	30698	18.38	ug/l	98
49) 1,4-Dioxane	7.74	88	12605	350.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	209053	89.18	ug/l	99
52) Toluene	8.78	92	56904	17.89	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	33115	17.13	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	36501	18.53	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	23991	16.93	ug/l	98
56) Ethyl methacrylate	9.18	69	36111	17.03	ug/l	99
57) 1,3-Dichloropropane	9.37	76	40182	16.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	103300	94.70	ug/l	100
59) 2-Hexanone	9.49	43	163661	79.20	ug/l	99
60) Dibromochloromethane	9.58	129	24254	15.83	ug/l	99
61) 1,2-Dibromoethane	9.67	107	24937	15.91	ug/l	100
64) Tetrachloroethene	9.34	164	25863	17.74	ug/l	97
65) Chlorobenzene	10.14	112	64854	18.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	23268	19.51	ug/l	100
67) Ethyl Benzene	10.25	91	108907	19.80	ug/l	99
68) m/p-Xylenes	10.36	106	83965	40.02	ug/l	100
69) o-Xylene	10.70	106	39972	21.25	ug/l	99
70) Styrene	10.71	104	67097	21.62	ug/l	100
71) Bromoform	10.85	173	19221	19.23	ug/l #	100
73) Isopropylbenzene	11.02	105	111700	20.70	ug/l	99
74) N-amyl acetate	10.90	43	52953	18.31	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	38318	19.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	38439m	20.23	ug/l	
77) Bromobenzene	11.26	156	29477	19.38	ug/l	99
78) n-propylbenzene	11.36	91	129999	20.45	ug/l	99
79) 2-Chlorotoluene	11.42	91	76883	20.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	94695	20.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11965	20.07	ug/l	97
82) 4-Chlorotoluene	11.51	91	90574	20.00	ug/l	99
83) tert-Butylbenzene	11.77	119	90557	19.52	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	97307	19.16	ug/l	99
85) sec-Butylbenzene	11.94	105	114283	20.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	103213	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	55921	19.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	55990	18.74	ug/l	98
89) n-Butylbenzene	12.39	91	88856	19.08	ug/l	100
90) Hexachloroethane	12.60	117	15913	18.97	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	54347	18.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9195	19.03	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	40651	19.75	ug/l	99
94) Hexachlorobutadiene	13.78	225	20595	19.05	ug/l	99
95) Naphthalene	13.83	128	120651	18.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	41680	19.88	ug/l	98

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

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