

Data File : VX011623.D
Acq On : 19 Aug 2019 11:47
Operator : JC/SP
Sample : VX0819MBS01
Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Manual Integrations
APPROVED

MMDadoda
8/20/2019 3:41:20 PM

Quant Time: Aug 20 10:10:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	344913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	469641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	429183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232985	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	145198	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.49	113	136729	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
50) Toluene-d8	8.71	98	444326	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.13	95	184024	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	72550	21.399	ug/l	100
3) Chloromethane	1.32	50	63247	17.961	ug/l	97
4) Vinyl Chloride	1.40	62	63824	20.065	ug/l	97
5) Bromomethane	1.64	94	34630	24.297	ug/l	94
6) Chloroethane	1.71	64	32443	21.550	ug/l	99
7) Trichlorofluoromethane	1.92	101	91038	20.663	ug/l	97
8) Diethyl Ether	2.18	74	31003	20.513	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61603	20.243	ug/l	99
10) Methyl Iodide	2.50	142	81754	18.858	ug/l	99
11) Tert butyl alcohol	3.03	59	80745	102.898	ug/l	99
12) 1,1-Dichloroethene	2.37	96	59305	20.165	ug/l	94
13) Acrolein	2.29	56	20752	93.942	ug/l	96
14) Allyl chloride	2.72	41	99114	20.260	ug/l	99
15) Acrylonitrile	3.14	53	187776	104.554	ug/l	99
16) Acetone	2.43	43	164481	102.269	ug/l	100
17) Carbon Disulfide	2.56	76	138443	19.978	ug/l	99
18) Methyl Acetate	2.76	43	104970	21.045	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	204731	21.375	ug/l	98
20) Methylene Chloride	2.85	84	67026	19.848	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62213	19.962	ug/l	100
22) Diisopropyl ether	3.85	45	203661	20.904	ug/l	97
23) Vinyl Acetate	3.81	43	814989	105.636	ug/l	99
24) 1,1-Dichloroethane	3.69	63	111635	20.266	ug/l	99
25) 2-Butanone	4.67	43	260976	103.360	ug/l	98
26) 2,2-Dichloropropane	4.57	77	90187	21.753	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	73768	20.304	ug/l	98
28) Bromochloromethane	5.00	49	47421	19.611	ug/l	100
29) Tetrahydrofuran	5.12	42	169686	102.450	ug/l	98
30) Chloroform	5.20	83	120184	20.674	ug/l	98
31) Cyclohexane	5.57	56	97219	20.499	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	104794	20.964	ug/l	99
36) 1,1-Dichloropropene	5.79	75	83011	20.673	ug/l	98
37) Ethyl Acetate	4.82	43	98483	21.324	ug/l	99
38) Carbon Tetrachloride	5.78	117	91774	20.745	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97258	19.614	ug/l	97
40) Benzene	6.13	78	257121	20.606	ug/l	99
41) Methacrylonitrile	5.04	41	53444	21.026	ug/l	98
42) 1,2-Dichloroethane	6.18	62	92075	21.298	ug/l	99
43) Isopropyl Acetate	6.44	43	150473	20.877	ug/l	99
44) Trichloroethene	7.21	130	76185	20.581	ug/l	95
45) 1,2-Dichloropropane	7.51	63	66100	21.241	ug/l	93
46) Dibromomethane	7.66	93	46459	20.544	ug/l	99
47) Bromodichloromethane	7.89	83	86367	20.800	ug/l	99
48) Methyl methacrylate	7.76	41	75103	21.041	ug/l	99
49) 1,4-Dioxane	7.73	88	39343	414.418	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	506774	107.420	ug/l	99
52) Toluene	8.78	92	164928	20.747	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	90966	21.109	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	101418	21.505	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	69259	20.487	ug/l	97
56) Ethyl methacrylate	9.18	69	103437	21.052	ug/l	99
57) 1,3-Dichloropropane	9.37	76	112857	21.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	264128	107.886	ug/l	99
59) 2-Hexanone	9.49	43	387427	106.493	ug/l	100
60) Dibromochloromethane	9.58	129	75764	21.510	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74824	20.739	ug/l	99
64) Tetrachloroethene	9.34	164	75334	21.393	ug/l	95
65) Chlorobenzene	10.13	112	187483	20.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	71351	20.854	ug/l	98
67) Ethyl Benzene	10.25	91	314754	20.603	ug/l	99
68) m/p-Xylenes	10.35	106	245278	41.826	ug/l	98
69) o-Xylene	10.69	106	119361	20.779	ug/l	99
70) Styrene	10.71	104	201952	20.884	ug/l	98
71) Bromoform	10.85	173	60424	20.268	ug/l #	99
73) Isopropylbenzene	11.02	105	321186	21.245	ug/l	99
74) N-amyl acetate	10.90	43	125788	19.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	107416	20.654	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	92584m	20.956	ug/l	
77) Bromobenzene	11.25	156	93698	20.832	ug/l	99
78) n-propylbenzene	11.35	91	346955	21.283	ug/l	100
79) 2-Chlorotoluene	11.41	91	211642	21.143	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	271355	21.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29888	21.168	ug/l	96
82) 4-Chlorotoluene	11.51	91	245153	21.110	ug/l	100
83) tert-Butylbenzene	11.77	119	274615	21.231	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	276580	21.693	ug/l	100
85) sec-Butylbenzene	11.94	105	307633	21.081	ug/l	100
86) p-Isopropyltoluene	12.06	119	296429	21.592	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	159808	20.670	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	161227	20.576	ug/l	100
89) n-Butylbenzene	12.38	91	235661	20.879	ug/l	99
90) Hexachloroethane	12.59	117	43791	20.199	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	159692	20.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23444	19.704	ug/l	92

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	106575	18.430	ug/l	98
94) Hexachlorobutadiene	13.78	225	61289	19.465	ug/l	98
95) Naphthalene	13.83	128	350814	21.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	122693	21.036	ug/l	100

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

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