

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051119\
 Data File : VX009519.D
 Acq On : 11 May 2019 12:47
 Operator : JC/SP
 Sample : VX0511MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 9:16:52 AM

Quant Time: May 12 02:18:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115829	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	5.50	113	86474	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
50) Toluene-d8	8.71	98	345366	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	11.13	95	124105	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	29000	19.640 ug/l	98
3) Chloromethane	1.32	50	44077	21.864 ug/l	98
4) Vinyl Chloride	1.40	62	43067	21.908 ug/l	99
5) Bromomethane	1.64	94	26822	22.733 ug/l	98
6) Chloroethane	1.72	64	26763	21.205 ug/l	99
7) Trichlorofluoromethane	1.93	101	53352	22.328 ug/l	99
8) Diethyl Ether	2.19	74	24871	21.973 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33021	22.006 ug/l	99
10) Methyl Iodide	2.51	142	35789	23.235 ug/l	99
11) Tert butyl alcohol	3.04	59	55886	110.375 ug/l	99
12) 1,1-Dichloroethene	2.37	96	33063	21.991 ug/l	96
13) Acrolein	2.29	56	42558	92.810 ug/l	97
14) Allyl chloride	2.73	41	78247	21.356 ug/l	100
15) Acrylonitrile	3.14	53	136443	110.211 ug/l	99
16) Acetone	2.44	43	130503	111.109 ug/l	97
17) Carbon Disulfide	2.57	76	90140	21.355 ug/l	99
18) Methyl Acetate	2.78	43	58103	20.801 ug/l	98
19) Methyl tert-butyl Ether	3.20	73	129272	22.142 ug/l	99
20) Methylene Chloride	2.85	84	40300	21.191 ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	36009	22.084 ug/l	99
22) Diisopropyl ether	3.85	45	158487	22.493 ug/l	97
23) Vinyl Acetate	3.81	43	693964	115.014 ug/l	99
24) 1,1-Dichloroethane	3.70	63	74982	21.571 ug/l	99
25) 2-Butanone	4.67	43	206388	113.076 ug/l	98
26) 2,2-Dichloropropane	4.59	77	54645	21.120 ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	42751	21.966 ug/l	99
28) Bromochloromethane	5.01	49	31596	20.990 ug/l	97
29) Tetrahydrofuran	5.13	42	133807	113.925 ug/l	99
30) Chloroform	5.21	83	69700	22.171 ug/l	97
31) Cyclohexane	5.58	56	72826	22.519 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	56673	21.655 ug/l	100
36) 1,1-Dichloropropene	5.80	75	52056	22.114 ug/l	99
37) Ethyl Acetate	4.84	43	74786	22.802 ug/l	99
38) Carbon Tetrachloride	5.79	117	46648	21.811 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65514	22.662	ug/l	100
40) Benzene	6.14	78	165403	22.704	ug/l	97
41) Methacrylonitrile	5.04	41	42408	21.721	ug/l	97
42) 1,2-Dichloroethane	6.19	62	60123	23.006	ug/l	99
43) Isopropyl Acetate	6.45	43	118831	22.651	ug/l	100
44) Trichloroethene	7.21	130	39565	22.465	ug/l	94
45) 1,2-Dichloropropane	7.51	63	46532	22.557	ug/l	99
46) Dibromomethane	7.66	93	26587	22.194	ug/l	99
47) Bromodichloromethane	7.90	83	51990	21.757	ug/l	100
48) Methyl methacrylate	7.77	41	60158	23.113	ug/l	99
49) 1,4-Dioxane	7.74	88	23429	443.864	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	393438	114.737	ug/l	99
52) Toluene	8.78	92	100826	22.768	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	58113	21.541	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66335	22.215	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	40757	22.559	ug/l	95
56) Ethyl methacrylate	9.18	69	72814	22.578	ug/l	99
57) 1,3-Dichloropropane	9.37	76	72078	22.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	179506	104.920	ug/l	100
59) 2-Hexanone	9.49	43	307075	114.021	ug/l	99
60) Dibromochloromethane	9.58	129	38376	21.748	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41134	22.555	ug/l	99
64) Tetrachloroethene	9.34	164	36117	22.927	ug/l	98
65) Chlorobenzene	10.13	112	104210	22.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	37216	22.344	ug/l	99
67) Ethyl Benzene	10.25	91	189743	22.442	ug/l	99
68) m/p-Xylenes	10.36	106	139959	45.299	ug/l	98
69) o-Xylene	10.69	106	68754	22.554	ug/l	100
70) Styrene	10.71	104	118099	22.289	ug/l	99
71) Bromoform	10.85	173	28316	20.920	ug/l	98
73) Isopropylbenzene	11.02	105	182672	22.363	ug/l	99
74) N-amyl acetate	10.90	43	105794	22.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67147	22.050	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58505m	22.453	ug/l	
77) Bromobenzene	11.26	156	44995	22.192	ug/l	98
78) n-propylbenzene	11.36	91	208018	22.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	126301	21.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155437	22.599	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21047	20.667	ug/l	94
82) 4-Chlorotoluene	11.51	91	142848	21.970	ug/l	100
83) tert-Butylbenzene	11.77	119	147118	21.988	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	155651	22.546	ug/l	99
85) sec-Butylbenzene	11.94	105	175769	22.158	ug/l	99
86) p-Isopropyltoluene	12.06	119	160431	22.497	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80094	22.160	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79369	21.781	ug/l	100
89) n-Butylbenzene	12.38	91	139879	21.702	ug/l	100
90) Hexachloroethane	12.59	117	25962	21.369	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	79686	21.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15235	22.302	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56689	22.518	ug/l	98
94) Hexachlorobutadiene	13.78	225	28685	22.313	ug/l	99
95) Naphthalene	13.83	128	185567	22.657	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58643	22.980	ug/l	98

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

