

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX011119\
 Data File : VX007027.D
 Acq On : 11 Jan 2019 21:16
 Operator : JC/SP
 Sample : VX0111MBSD01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:40:31 AM

Quant Time: Jan 11 23:11:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	684495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343600	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	268410	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	5.50	113	238529	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	900318	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	322064	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	88571	21.869	ug/l 99
3) Chloromethane	1.33	50	102422	21.724	ug/l 100
4) Vinyl Chloride	1.41	62	106044	20.909	ug/l 99
5) Bromomethane	1.64	94	109453	20.200	ug/l 96
6) Chloroethane	1.72	64	69501	19.626	ug/l 94
7) Trichlorofluoromethane	1.93	101	168655	20.581	ug/l 95
8) Diethyl Ether	2.19	74	67415	20.678	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	96944	19.760	ug/l 98
10) Methyl Iodide	2.51	142	148330	22.414	ug/l 99
11) Tert butyl alcohol	3.07	59	129019	106.115	ug/l 99
12) 1,1-Dichloroethene	2.37	96	92681	20.447	ug/l 97
13) Acrolein	2.30	56	44051	86.055	ug/l 100
14) Allyl chloride	2.73	41	153418	19.749	ug/l 99
15) Acrylonitrile	3.15	53	296640	106.280	ug/l 100
16) Acetone	2.45	43	252974	99.281	ug/l 98
17) Carbon Disulfide	2.57	76	201394	17.257	ug/l 99
18) Methyl Acetate	2.78	43	165455	22.422	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	326537	20.755	ug/l 98
20) Methylene Chloride	2.86	84	105787	21.505	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	100367	19.870	ug/l 98
22) Diisopropyl ether	3.87	45	301872	20.670	ug/l 95
23) Vinyl Acetate	3.82	43	1219913	99.051	ug/l 98
24) 1,1-Dichloroethane	3.70	63	165573	20.275	ug/l 99
25) 2-Butanone	4.70	43	373859	102.542	ug/l 100
26) 2,2-Dichloropropane	4.58	77	100144	15.948	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	110450	19.824	ug/l 99
28) Bromochloromethane	5.02	49	70182	19.616	ug/l 98
29) Tetrahydrofuran	5.15	42	245757	103.721	ug/l 97
30) Chloroform	5.21	83	174928	20.460	ug/l 100
31) Cyclohexane	5.58	56	141720	19.499	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	144481	19.937	ug/l 98
36) 1,1-Dichloropropene	5.79	75	126698	19.373	ug/l 98
37) Ethyl Acetate	4.85	43	141167	20.133	ug/l 98
38) Carbon Tetrachloride	5.78	117	121582	18.477	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152866	18.334	ug/l	95
40) Benzene	6.14	78	397908	19.939	ug/l	95
41) Methacrylonitrile	5.06	41	77247	19.124	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138482	20.082	ug/l	99
43) Isopropyl Acetate	6.46	43	220029	19.894	ug/l	98
44) Trichloroethene	7.21	130	113391	18.962	ug/l	97
45) 1,2-Dichloropropane	7.51	63	99432	19.819	ug/l	97
46) Dibromomethane	7.66	93	69802	19.797	ug/l	99
47) Bromodichloromethane	7.90	83	117333	19.550	ug/l	96
48) Methyl methacrylate	7.77	41	113054	19.905	ug/l	98
49) 1,4-Dioxane	7.75	88	54508	415.227	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	746311	105.000	ug/l	98
52) Toluene	8.79	92	257116	20.046	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	118694	17.835	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	134956	18.363	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106865	20.816	ug/l	95
56) Ethyl methacrylate	9.18	69	152152	20.301	ug/l	93
57) 1,3-Dichloropropane	9.37	76	171836	20.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	399014	103.546	ug/l	99
59) 2-Hexanone	9.49	43	556886	102.814	ug/l	99
60) Dibromochloromethane	9.58	129	97530	19.564	ug/l	97
61) 1,2-Dibromoethane	9.67	107	114009	20.172	ug/l	100
64) Tetrachloroethene	9.34	164	113319	19.122	ug/l	96
65) Chlorobenzene	10.14	112	299528	20.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100671	20.045	ug/l	98
67) Ethyl Benzene	10.25	91	483676	19.625	ug/l	99
68) m/p-Xylenes	10.36	106	385877	39.739	ug/l	99
69) o-Xylene	10.70	106	188934	19.951	ug/l	97
70) Styrene	10.71	104	302877	20.194	ug/l	99
71) Bromoform	10.86	173	68430	18.517	ug/l #	99
73) Isopropylbenzene	11.02	105	496391	20.488	ug/l	100
74) N-amyl acetate	10.90	43	190367	19.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157034	20.416	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	141791m	20.364	ug/l	
77) Bromobenzene	11.26	156	136588	20.460	ug/l	100
78) n-propylbenzene	11.36	91	544403	20.468	ug/l	99
79) 2-Chlorotoluene	11.42	91	325572	20.334	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	408509	20.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32077	16.634	ug/l #	85
82) 4-Chlorotoluene	11.51	91	371423	20.036	ug/l	99
83) tert-Butylbenzene	11.77	119	396407	19.625	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	419268	20.595	ug/l	100
85) sec-Butylbenzene	11.94	105	490357	20.327	ug/l	100
86) p-Isopropyltoluene	12.06	119	436952	20.251	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	236216	19.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	236876	20.804	ug/l	99
89) n-Butylbenzene	12.39	91	356731	19.394	ug/l	99
90) Hexachloroethane	12.60	117	58453	18.890	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	234618	19.703	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28389	18.662	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	155063	18.980	ug/l	99
94) Hexachlorobutadiene	13.78	225	68459	18.883	ug/l	99
95) Naphthalene	13.83	128	486830	19.665	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	157374	19.391	ug/l	99

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

