

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092519\
 Data File : VX012653.D
 Acq On : 25 Sep 2019 11:58
 Operator : JC/SP
 Sample : VX0925MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:39 AM

Quant Time: Sep 25 23:32:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	127848	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	92807	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	352269	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	138162	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	35783	18.040	ug/l	96
3) Chloromethane	1.32	50	41667	18.294	ug/l	100
4) Vinyl Chloride	1.40	62	42164	18.624	ug/l	94
5) Bromomethane	1.63	94	22254	25.001	ug/l	94
6) Chloroethane	1.72	64	28853	18.905	ug/l	99
7) Trichlorofluoromethane	1.92	101	59595	18.749	ug/l	98
8) Diethyl Ether	2.18	74	25645	19.688	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36895	19.058	ug/l	96
10) Methyl Iodide	2.50	142	35256	20.527	ug/l	98
11) Tert butyl alcohol	3.03	59	69749	108.748	ug/l	97
12) 1,1-Dichloroethene	2.36	96	36915	19.473	ug/l	96
13) Acrolein	2.28	56	28429	86.545	ug/l	98
14) Allyl chloride	2.72	41	72383	19.245	ug/l	97
15) Acrylonitrile	3.13	53	128966	99.111	ug/l	99
16) Acetone	2.44	43	134035	98.558	ug/l	99
17) Carbon Disulfide	2.56	76	91721	17.258	ug/l	100
18) Methyl Acetate	2.76	43	63072	19.696	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	141649	19.741	ug/l	98
20) Methylene Chloride	2.85	84	43366	18.853	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	39144	18.638	ug/l	93
22) Diisopropyl ether	3.84	45	141944	19.531	ug/l	93
23) Vinyl Acetate	3.80	43	625196	98.097	ug/l	99
24) 1,1-Dichloroethane	3.69	63	77127	19.524	ug/l	96
25) 2-Butanone	4.66	43	190635	97.762	ug/l	95
26) 2,2-Dichloropropane	4.57	77	66512	18.930	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	47452	19.472	ug/l	95
28) Bromochloromethane	5.01	49	29110	20.294	ug/l	95
29) Tetrahydrofuran	5.12	42	119418	100.476	ug/l	99
30) Chloroform	5.20	83	77263	19.117	ug/l	95
31) Cyclohexane	5.57	56	69019	19.312	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	66780	18.643	ug/l	98
36) 1,1-Dichloropropene	5.79	75	56720	18.640	ug/l	98
37) Ethyl Acetate	4.82	43	69487	19.533	ug/l	97
38) Carbon Tetrachloride	5.78	117	56828	18.385	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67095	18.316	ug/l	96
40) Benzene	6.14	78	167097	18.664	ug/l	98
41) Methacrylonitrile	5.04	41	39344	19.712	ug/l	97
42) 1,2-Dichloroethane	6.19	62	66556	19.577	ug/l	99
43) Isopropyl Acetate	6.43	43	113086	19.009	ug/l	98
44) Trichloroethene	7.20	130	42706	18.659	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43676	19.055	ug/l	99
46) Dibromomethane	7.65	93	29222	18.725	ug/l	93
47) Bromodichloromethane	7.89	83	57650	18.483	ug/l	99
48) Methyl methacrylate	7.76	41	54013	18.935	ug/l	96
49) 1,4-Dioxane	7.73	88	25671	396.763	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	354779	96.610	ug/l	98
52) Toluene	8.78	92	106736	18.969	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	62736	18.179	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69770	18.517	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42398	18.952	ug/l	97
56) Ethyl methacrylate	9.17	69	70258	18.694	ug/l	97
57) 1,3-Dichloropropane	9.37	76	76072	19.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176814	104.807	ug/l	98
59) 2-Hexanone	9.48	43	274546	97.672	ug/l	96
60) Dibromochloromethane	9.57	129	41671	18.401	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43954	18.879	ug/l	96
64) Tetrachloroethene	9.33	164	39162	19.898	ug/l	95
65) Chlorobenzene	10.14	112	108776	18.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	40221	18.674	ug/l	97
67) Ethyl Benzene	10.25	91	201444	18.684	ug/l	95
68) m/p-Xylenes	10.36	106	150729	37.320	ug/l	99
69) o-Xylene	10.70	106	73118	18.709	ug/l	97
70) Styrene	10.71	104	123535	18.856	ug/l	100
71) Bromoform	10.85	173	26416	17.614	ug/l #	98
73) Isopropylbenzene	11.01	105	195354	19.630	ug/l	100
74) N-amyl acetate	10.89	43	92204	19.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	65405	19.844	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64579m	19.980	ug/l	
77) Bromobenzene	11.25	156	43147	19.156	ug/l	93
78) n-propylbenzene	11.35	91	218216	19.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	135279	19.355	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	165579	19.841	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20768	18.414	ug/l	99
82) 4-Chlorotoluene	11.51	91	158080	19.841	ug/l	97
83) tert-Butylbenzene	11.76	119	158151	19.645	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	166448	19.771	ug/l	99
85) sec-Butylbenzene	11.94	105	183956	19.646	ug/l	99
86) p-Isopropyltoluene	12.06	119	167001	19.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77436	19.104	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	79709	19.461	ug/l	98
89) n-Butylbenzene	12.39	91	140964	18.934	ug/l	98
90) Hexachloroethane	12.59	117	27538	18.283	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	80301	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15748	19.101	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46147	18.647	ug/l	99
94) Hexachlorobutadiene	13.78	225	20287	19.055	ug/l	100
95) Naphthalene	13.83	128	180979	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	47196	19.038	ug/l	97

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

