

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012624.D
 Acq On : 24 Sep 2019 11:49
 Operator : JC/SP
 Sample : VX0924MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 9:29:53 AM

Quant Time: Sep 25 05:16:45 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	178536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129413	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	93690	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	354882	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.14	95	135120	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	35555	17.702	ug/l	99
3) Chloromethane	1.32	50	40849	17.712	ug/l	96
4) Vinyl Chloride	1.40	62	42232	18.423	ug/l	98
5) Bromomethane	1.63	94	19443	21.572	ug/l	96
6) Chloroethane	1.72	64	27722	17.938	ug/l	100
7) Trichlorofluoromethane	1.92	101	59762	18.568	ug/l	93
8) Diethyl Ether	2.18	74	24722	18.743	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37484	19.121	ug/l	95
10) Methyl Iodide	2.50	142	34184	19.866	ug/l	96
11) Tert butyl alcohol	3.03	59	65257	100.480	ug/l	97
12) 1,1-Dichloroethene	2.36	96	37152	19.354	ug/l	97
13) Acrolein	2.28	56	30573	91.280	ug/l	99
14) Allyl chloride	2.72	41	72266	18.975	ug/l	98
15) Acrylonitrile	3.13	53	126998	96.385	ug/l	99
16) Acetone	2.44	43	127996	92.947	ug/l	98
17) Carbon Disulfide	2.56	76	95117	17.675	ug/l	100
18) Methyl Acetate	2.76	43	61994	19.119	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	140031	19.273	ug/l	97
20) Methylene Chloride	2.85	84	43299	18.590	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	40159	18.884	ug/l	97
22) Diisopropyl ether	3.84	45	141374	19.211	ug/l	94
23) Vinyl Acetate	3.80	43	618820	95.890	ug/l	98
24) 1,1-Dichloroethane	3.69	63	76378	19.094	ug/l	98
25) 2-Butanone	4.66	43	185931	94.165	ug/l	97
26) 2,2-Dichloropropane	4.58	77	63699	17.904	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	46301	18.764	ug/l	96
28) Bromochloromethane	5.00	49	28956	19.936	ug/l	96
29) Tetrahydrofuran	5.12	42	117495	97.629	ug/l	99
30) Chloroform	5.20	83	77927	19.042	ug/l	94
31) Cyclohexane	5.57	56	68865	19.030	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	67639	18.648	ug/l	99
36) 1,1-Dichloropropene	5.79	75	56489	18.419	ug/l	98
37) Ethyl Acetate	4.82	43	68593	19.131	ug/l	98
38) Carbon Tetrachloride	5.78	117	56649	18.183	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66779	18.087	ug/l	98
40) Benzene	6.14	78	171344	18.988	ug/l	98
41) Methacrylonitrile	5.03	41	38139	18.958	ug/l	96
42) 1,2-Dichloroethane	6.18	62	66190	19.316	ug/l	100
43) Isopropyl Acetate	6.43	43	111933	18.668	ug/l	99
44) Trichloroethene	7.21	130	42557	18.448	ug/l	95
45) 1,2-Dichloropropane	7.51	63	44035	19.061	ug/l	98
46) Dibromomethane	7.66	93	29140	18.526	ug/l	96
47) Bromodichloromethane	7.89	83	57593	18.320	ug/l	97
48) Methyl methacrylate	7.76	41	53530	18.619	ug/l	95
49) 1,4-Dioxane	7.73	88	23625	362.280	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	349721	94.487	ug/l	97
52) Toluene	8.78	92	108402	19.114	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63496	18.255	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	70155	18.473	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	43172	19.147	ug/l	97
56) Ethyl methacrylate	9.17	69	69753	18.414	ug/l	96
57) 1,3-Dichloropropane	9.37	76	75565	19.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	161928	95.232	ug/l	99
59) 2-Hexanone	9.49	43	268660	94.829	ug/l	96
60) Dibromochloromethane	9.57	129	41684	18.262	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45508	19.393	ug/l	98
64) Tetrachloroethene	9.33	164	37827	19.212	ug/l	98
65) Chlorobenzene	10.14	112	110440	18.571	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	40058	18.591	ug/l	99
67) Ethyl Benzene	10.25	91	201204	18.654	ug/l	98
68) m/p-Xylenes	10.35	106	150865	37.339	ug/l	100
69) o-Xylene	10.70	106	72657	18.584	ug/l	98
70) Styrene	10.71	104	122546	18.697	ug/l	99
71) Bromoform	10.85	173	26588	17.722	ug/l #	100
73) Isopropylbenzene	11.01	105	196764	19.940	ug/l	99
74) N-amyl acetate	10.89	43	88285	18.754	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	64424	19.713	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	63929m	19.947	ug/l	
77) Bromobenzene	11.25	156	43202	19.344	ug/l	95
78) n-propylbenzene	11.35	91	214107	19.272	ug/l	100
79) 2-Chlorotoluene	11.42	91	135437	19.543	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	163157	19.717	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20035	17.915	ug/l	97
82) 4-Chlorotoluene	11.51	91	154571	19.565	ug/l	97
83) tert-Butylbenzene	11.76	119	155123	19.433	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	165460	19.821	ug/l	99
85) sec-Butylbenzene	11.94	105	183107	19.722	ug/l	99
86) p-Isopropyltoluene	12.06	119	163738	19.545	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77834	19.366	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	79064	19.467	ug/l	98
89) n-Butylbenzene	12.39	91	136146	18.443	ug/l	99
90) Hexachloroethane	12.59	117	27265	18.255	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	78452	19.497	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15585	19.064	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44436	18.108	ug/l	99
94) Hexachlorobutadiene	13.78	225	20696	19.604	ug/l	97
95) Naphthalene	13.83	128	170587	19.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46114	18.760	ug/l	99

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

