

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010296.D
 Acq On : 14 Jun 2019 13:32
 Operator : JC/SP
 Sample : VX0614MBS02
 Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:36:07 AM

Quant Time: Jun 15 01:39:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	367715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	483368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	175225	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.50	113	172214	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	8.71	98	640270	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	232659	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68225	20.164	ug/l	97
3) Chloromethane	1.33	50	58578	17.433	ug/l	96
4) Vinyl Chloride	1.41	62	59629	18.881	ug/l	99
5) Bromomethane	1.64	94	28687	24.072	ug/l	95
6) Chloroethane	1.72	64	33945	21.319	ug/l	97
7) Trichlorofluoromethane	1.93	101	96876	20.651	ug/l	98
8) Diethyl Ether	2.19	74	32772	20.269	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59260	18.326	ug/l	92
10) Methyl Iodide	2.51	142	80455	16.058	ug/l	96
11) Tert butyl alcohol	3.05	59	83939	95.463	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58901	17.833	ug/l #	80
13) Acrolein	2.30	56	8435	52.611	ug/l	97
14) Allyl chloride	2.73	41	85542	17.158	ug/l #	88
15) Acrylonitrile	3.14	53	166502	92.643	ug/l	98
16) Acetone	2.45	43	164349	97.351	ug/l #	85
17) Carbon Disulfide	2.57	76	141162	14.791	ug/l	99
18) Methyl Acetate	2.78	43	71887	19.362	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	193136	18.201	ug/l	93
20) Methylene Chloride	2.85	84	67412	18.182	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	61521	16.831	ug/l #	80
22) Diisopropyl ether	3.86	45	176942	18.563	ug/l #	83
23) Vinyl Acetate	3.82	43	774250	91.048	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	104208	18.006	ug/l	96
25) 2-Butanone	4.67	43	240968	95.855	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	91283	17.289	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	72940	17.938	ug/l	80
28) Bromochloromethane	5.01	49	44438	17.132	ug/l #	50
29) Tetrahydrofuran	5.13	42	142665	90.302	ug/l #	74
30) Chloroform	5.21	83	106398	17.702	ug/l	98
31) Cyclohexane	5.58	56	91675	17.551	ug/l #	80
32) 1,1,1-Trichloroethane	5.50	97	97456	17.247	ug/l	94
36) 1,1-Dichloropropene	5.80	75	78896	17.752	ug/l	93
37) Ethyl Acetate	4.84	43	84329	18.236	ug/l #	91
38) Carbon Tetrachloride	5.78	117	85717	17.040	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103241	17.059	ug/l #	86
40) Benzene	6.14	78	246210	17.916	ug/l	99
41) Methacrylonitrile	5.04	41	44908	17.953	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	78129	17.808	ug/l	93
43) Isopropyl Acetate	6.45	43	136190	17.615	ug/l #	88
44) Trichloroethene	7.21	130	74495	17.983	ug/l	87
45) 1,2-Dichloropropane	7.51	63	62939	18.298	ug/l	100
46) Dibromomethane	7.66	93	44136	17.127	ug/l	89
47) Bromodichloromethane	7.90	83	82661	17.166	ug/l	99
48) Methyl methacrylate	7.77	41	66172	18.300	ug/l #	78
49) 1,4-Dioxane	7.74	88	35381	343.196	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	446815	96.737	ug/l	91
52) Toluene	8.79	92	163889	18.142	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	93215	16.736	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100830	16.887	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	68375	18.481	ug/l	96
56) Ethyl methacrylate	9.18	69	104246	17.837	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	104713	17.978	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	210474	76.394	ug/l #	86
59) 2-Hexanone	9.49	43	354444	96.246	ug/l	87
60) Dibromochloromethane	9.58	129	74361	16.992	ug/l	100
61) 1,2-Dibromoethane	9.67	107	72995	17.715	ug/l	99
64) Tetrachloroethene	9.34	164	70419	19.615	ug/l	97
65) Chlorobenzene	10.13	112	184626	18.506	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	68123	17.756	ug/l	98
67) Ethyl Benzene	10.25	91	312239	18.385	ug/l	95
68) m/p-Xylenes	10.36	106	242866	36.955	ug/l	90
69) o-Xylene	10.69	106	120337	18.420	ug/l	88
70) Styrene	10.71	104	203312	18.375	ug/l	95
71) Bromoform	10.85	173	59171	16.777	ug/l #	99
73) Isopropylbenzene	11.02	105	314537	17.696	ug/l	95
74) N-amyl acetate	10.90	43	125652	17.883	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	105989	17.420	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	86598m	17.003	ug/l	
77) Bromobenzene	11.26	156	87238	17.847	ug/l	80
78) n-propylbenzene	11.36	91	351171	17.746	ug/l	94
79) 2-Chlorotoluene	11.42	91	208009	17.502	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	262615	17.541	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	36271	15.735	ug/l	86
82) 4-Chlorotoluene	11.51	91	238650	17.677	ug/l	92
83) tert-Butylbenzene	11.77	119	267152	17.630	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	267662	17.700	ug/l	97
85) sec-Butylbenzene	11.94	105	314726	17.828	ug/l	96
86) p-Isopropyltoluene	12.06	119	293803	18.205	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	155794	18.095	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155597	17.928	ug/l	98
89) n-Butylbenzene	12.38	91	256181	18.441	ug/l	97
90) Hexachloroethane	12.60	117	50345	15.660	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	155543	18.583	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23203	16.206	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111689	18.229	ug/l	98
94) Hexachlorobutadiene	13.78	225	52992	19.448	ug/l	98
95) Naphthalene	13.83	128	355362	18.425	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111566	18.416	ug/l	100

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

