

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012833.D
 Acq On : 07 Oct 2019 13:16
 Operator : JC/SP
 Sample : VX1007MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:06:48 PM

Quant Time: Oct 08 11:40:10 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	172413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111118	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
35) Dibromofluoromethane	5.49	113	88776	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.71	98	332660	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	125451	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	28635	14.763	ug/l	99
3) Chloromethane	1.32	50	33349	14.973	ug/l	98
4) Vinyl Chloride	1.40	62	34071	15.390	ug/l	95
5) Bromomethane	1.63	94	16355	18.790	ug/l	99
6) Chloroethane	1.71	64	22766	15.255	ug/l	99
7) Trichlorofluoromethane	1.92	101	52107	16.765	ug/l	99
8) Diethyl Ether	2.18	74	21068	16.540	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34627	18.291	ug/l	95
10) Methyl Iodide	2.50	142	28777	17.953	ug/l	91
11) Tert butyl alcohol	3.03	59	58361	93.053	ug/l	99
12) 1,1-Dichloroethene	2.36	96	34217	18.458	ug/l	91
13) Acrolein	2.28	56	21043	67.997	ug/l	97
14) Allyl chloride	2.72	41	62262	16.929	ug/l	96
15) Acrylonitrile	3.13	53	115959	91.133	ug/l	98
16) Acetone	2.44	43	110301	82.942	ug/l	95
17) Carbon Disulfide	2.56	76	81967	15.772	ug/l	99
18) Methyl Acetate	2.76	43	57968	18.512	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	127789	18.212	ug/l	96
20) Methylene Chloride	2.84	84	40164	17.856	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	35191	17.135	ug/l	90
22) Diisopropyl ether	3.84	45	126678	17.825	ug/l	99
23) Vinyl Acetate	3.80	43	539736	86.605	ug/l	97
24) 1,1-Dichloroethane	3.69	63	69466	17.983	ug/l	99
25) 2-Butanone	4.66	43	165707	86.903	ug/l	94
26) 2,2-Dichloropropane	4.57	77	57192	16.646	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	42499	17.835	ug/l	94
28) Bromochloromethane	5.00	49	25805	18.397	ug/l	88
29) Tetrahydrofuran	5.12	42	103231	88.823	ug/l	95
30) Chloroform	5.20	83	71357	18.055	ug/l	94
31) Cyclohexane	5.56	56	59527	17.034	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	60139	17.169	ug/l	98
36) 1,1-Dichloropropene	5.79	75	48548	17.219	ug/l	96
37) Ethyl Acetate	4.82	43	60523	18.361	ug/l	95
38) Carbon Tetrachloride	5.78	117	51082	17.835	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60553	17.840	ug/l	97
40) Benzene	6.14	78	154223	18.591	ug/l	99
41) Methacrylonitrile	5.03	41	34287	18.539	ug/l	96
42) 1,2-Dichloroethane	6.18	62	56389	17.900	ug/l	98
43) Isopropyl Acetate	6.43	43	100185	18.175	ug/l	97
44) Trichloroethene	7.20	130	38999	18.389	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40299	18.974	ug/l	96
46) Dibromomethane	7.65	93	26285	18.177	ug/l	97
47) Bromodichloromethane	7.89	83	53248	18.424	ug/l	96
48) Methyl methacrylate	7.76	41	46874	17.734	ug/l	93
49) 1,4-Dioxane	7.73	88	23690	395.152	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	309769	91.036	ug/l	95
52) Toluene	8.78	92	98126	18.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57468	17.972	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62864	18.006	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	40667	19.618	ug/l	97
56) Ethyl methacrylate	9.17	69	64431	18.501	ug/l	92
57) 1,3-Dichloropropane	9.37	76	68935	19.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154973	99.138	ug/l	99
59) 2-Hexanone	9.48	43	240131	92.196	ug/l	94
60) Dibromochloromethane	9.58	129	39748	18.942	ug/l	97
61) 1,2-Dibromoethane	9.67	107	41385	19.183	ug/l	98
64) Tetrachloroethene	9.33	164	37460	20.748	ug/l	95
65) Chlorobenzene	10.14	112	103284	18.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37825	19.145	ug/l	97
67) Ethyl Benzene	10.25	91	184761	18.681	ug/l	98
68) m/p-Xylenes	10.35	106	137947	37.233	ug/l	100
69) o-Xylene	10.70	106	67440	18.812	ug/l	98
70) Styrene	10.71	104	116672	19.413	ug/l	97
71) Bromoform	10.85	173	26588	19.326	ug/l #	99
73) Isopropylbenzene	11.01	105	183799	18.888	ug/l	99
74) N-amyl acetate	10.89	43	80134	17.261	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	60022	18.624	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58347m	18.461	ug/l	
77) Bromobenzene	11.25	156	41552	18.867	ug/l	99
78) n-propylbenzene	11.35	91	204568	18.673	ug/l	100
79) 2-Chlorotoluene	11.42	91	123795	18.114	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	153463	18.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17921	16.250	ug/l	99
82) 4-Chlorotoluene	11.51	91	142423	18.281	ug/l	100
83) tert-Butylbenzene	11.76	119	149314	18.968	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	154051	18.714	ug/l	99
85) sec-Butylbenzene	11.94	105	174555	19.065	ug/l	100
86) p-Isopropyltoluene	12.06	119	155500	18.823	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76892	19.400	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76928	19.208	ug/l	98
89) n-Butylbenzene	12.38	91	130270	17.895	ug/l	99
90) Hexachloroethane	12.59	117	27298	18.534	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	75362	18.992	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14210	17.626	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45413	18.766	ug/l	99
94) Hexachlorobutadiene	13.77	225	20477	19.670	ug/l	100
95) Naphthalene	13.83	128	170512	19.475	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	48255	19.906	ug/l	99

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

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