

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012806.D
 Acq On : 04 Oct 2019 13:05
 Operator : JC/SP
 Sample : VX1004MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:59 AM

Quant Time: Oct 05 04:44:35 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	168629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110476	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
35) Dibromofluoromethane	5.49	113	86853	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	8.71	98	322821	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	123596	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	29440	15.519	ug/l	99
3) Chloromethane	1.32	50	33812	15.522	ug/l	99
4) Vinyl Chloride	1.40	62	33804	15.613	ug/l	97
5) Bromomethane	1.63	94	16910	19.864	ug/l	96
6) Chloroethane	1.72	64	21707	14.872	ug/l	98
7) Trichlorofluoromethane	1.92	101	50188	16.509	ug/l	97
8) Diethyl Ether	2.18	74	20168	16.189	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33307	17.989	ug/l	95
10) Methyl Iodide	2.50	142	27093	17.467	ug/l	91
11) Tert butyl alcohol	3.03	59	54162	88.296	ug/l	98
12) 1,1-Dichloroethene	2.36	96	31200	17.209	ug/l	89
13) Acrolein	2.28	56	22306	72.838	ug/l	95
14) Allyl chloride	2.72	41	58199	16.179	ug/l	97
15) Acrylonitrile	3.13	53	106422	85.514	ug/l	99
16) Acetone	2.43	43	104216	80.125	ug/l	95
17) Carbon Disulfide	2.56	76	74381	14.634	ug/l	98
18) Methyl Acetate	2.76	43	53753	17.551	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	119537	17.419	ug/l	100
20) Methylene Chloride	2.84	84	38026	17.285	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	35228	17.538	ug/l	96
22) Diisopropyl ether	3.84	45	120116	17.281	ug/l #	98
23) Vinyl Acetate	3.80	43	503870	82.665	ug/l	95
24) 1,1-Dichloroethane	3.69	63	65410	17.313	ug/l	98
25) 2-Butanone	4.66	43	152438	81.738	ug/l	93
26) 2,2-Dichloropropane	4.58	77	53977	16.063	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	40700	17.463	ug/l	94
28) Bromochloromethane	5.00	49	24052	17.532	ug/l #	15
29) Tetrahydrofuran	5.12	42	94435	83.078	ug/l	94
30) Chloroform	5.20	83	67065	17.350	ug/l	96
31) Cyclohexane	5.58	56	57111	16.709	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	57380	16.749	ug/l	100
36) 1,1-Dichloropropene	5.79	75	48418	17.758	ug/l	97
37) Ethyl Acetate	4.83	43	56929	17.859	ug/l	96
38) Carbon Tetrachloride	5.78	117	48313	17.443	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58004	17.671	ug/l	98
40) Benzene	6.13	78	147875	18.433	ug/l	97
41) Methacrylonitrile	5.03	41	30282	16.931	ug/l	93
42) 1,2-Dichloroethane	6.19	62	55064	18.075	ug/l	97
43) Isopropyl Acetate	6.43	43	90609	16.997	ug/l	96
44) Trichloroethene	7.21	130	37653	18.359	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38070	18.535	ug/l	96
46) Dibromomethane	7.65	93	25723	18.394	ug/l	97
47) Bromodichloromethane	7.89	83	49639	17.760	ug/l	96
48) Methyl methacrylate	7.76	41	42679	16.697	ug/l	92
49) 1,4-Dioxane	7.73	88	20538	354.245	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	291476	88.578	ug/l	97
52) Toluene	8.78	92	91450	18.137	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53653	17.350	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	60165	17.820	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	38449	19.180	ug/l	97
56) Ethyl methacrylate	9.17	69	59861	17.775	ug/l	91
57) 1,3-Dichloropropane	9.37	76	65850	18.769	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	146606	96.980	ug/l	100
59) 2-Hexanone	9.48	43	218250	86.649	ug/l	94
60) Dibromochloromethane	9.58	129	36666	18.069	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39972	19.160	ug/l	98
64) Tetrachloroethene	9.33	164	34890	19.750	ug/l	93
65) Chlorobenzene	10.14	112	98621	18.483	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	36093	18.670	ug/l	98
67) Ethyl Benzene	10.25	91	176033	18.190	ug/l	98
68) m/p-Xylenes	10.36	106	134520	37.107	ug/l	98
69) o-Xylene	10.70	106	64497	18.386	ug/l	100
70) Styrene	10.71	104	108889	18.517	ug/l	98
71) Bromoform	10.85	173	23604	17.535	ug/l #	97
73) Isopropylbenzene	11.01	105	174046	18.275	ug/l	100
74) N-amyl acetate	10.89	43	74914	16.489	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	57453	18.216	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	55135m	17.825	ug/l	
77) Bromobenzene	11.25	156	39975	18.546	ug/l	100
78) n-propylbenzene	11.35	91	188403	17.572	ug/l	98
79) 2-Chlorotoluene	11.42	91	120616	18.033	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	148304	18.570	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16855	15.616	ug/l	100
82) 4-Chlorotoluene	11.51	91	137344	18.013	ug/l	99
83) tert-Butylbenzene	11.76	119	139275	18.079	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	146567	18.193	ug/l	100
85) sec-Butylbenzene	11.94	105	164963	18.410	ug/l	99
86) p-Isopropyltoluene	12.06	119	150578	18.624	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71774	18.503	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	73365	18.717	ug/l	98
89) n-Butylbenzene	12.39	91	121239	17.017	ug/l	99
90) Hexachloroethane	12.59	117	23695	16.439	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	72027	18.547	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13326	16.890	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41160	17.379	ug/l	96
94) Hexachlorobutadiene	13.78	225	20362	19.985	ug/l	97
95) Naphthalene	13.83	128	154674	18.051	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41918	17.669	ug/l	96

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

