

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005023.D
 Acq On : 04 Oct 2018 17:21
 Operator : JC/MD
 Sample : VX1004MBS01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Manual Integrations
 APPROVED

apatel
 10/5/2018 4:49:35 PM

Quant Time: Oct 05 04:01:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170731	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	140182	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
50) Toluene-d8	8.71	98	527775	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.14	95	192866	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66783	20.521	ug/l	99
3) Chloromethane	1.32	50	75586	19.144	ug/l	99
4) Vinyl Chloride	1.40	62	74343	20.076	ug/l	97
5) Bromomethane	1.64	94	46698	21.266	ug/l	94
6) Chloroethane	1.72	64	43553	20.194	ug/l	98
7) Trichlorofluoromethane	1.93	101	94385	20.588	ug/l	96
8) Diethyl Ether	2.19	74	40207	20.188	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53896	20.639	ug/l	99
10) Methyl Iodide	2.51	142	53709	15.370	ug/l	95
11) Tert butyl alcohol	3.07	59	96254	100.965	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51559	19.936	ug/l	98
13) Acrolein	2.29	56	16581	24.445	ug/l	89
14) Allyl chloride	2.73	41	115016	20.383	ug/l	96
15) Acrylonitrile	3.15	53	220078	104.866	ug/l	97
16) Acetone	2.45	43	187833	94.362	ug/l	92
17) Carbon Disulfide	2.57	76	134398	17.294	ug/l	98
18) Methyl Acetate	2.78	43	123711	24.530	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	200193	22.442	ug/l	97
20) Methylene Chloride	2.85	84	62527	21.120	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	55666	19.663	ug/l	88
22) Diisopropyl ether	3.87	45	201441	21.200	ug/l	98
23) Vinyl Acetate	3.82	43	862892	99.209	ug/l	99
24) 1,1-Dichloroethane	3.70	63	113862	20.088	ug/l	99
25) 2-Butanone	4.71	43	290118	98.877	ug/l	99
26) 2,2-Dichloropropane	4.58	77	74762	18.941	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62984	19.915	ug/l	94
28) Bromochloromethane	5.02	49	52566	19.694	ug/l	98
29) Tetrahydrofuran	5.16	42	190597	104.513	ug/l	99
30) Chloroform	5.21	83	105274	19.652	ug/l	100
31) Cyclohexane	5.57	56	90980	20.972	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	86822	19.846	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74890	17.922	ug/l	94
37) Ethyl Acetate	4.86	43	101807	18.354	ug/l	98
38) Carbon Tetrachloride	5.78	117	74591	16.981	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84052	19.699	ug/l #	85
40) Benzene	6.14	78	238765	18.251	ug/l	95
41) Methacrylonitrile	5.06	41	57334	18.639	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83301	18.012	ug/l	99
43) Isopropyl Acetate	6.46	43	150292	18.773	ug/l	95
44) Trichloroethene	7.21	130	62068	19.300	ug/l	96
45) 1,2-Dichloropropane	7.52	63	65359	20.373	ug/l	99
46) Dibromomethane	7.66	93	40326	20.001	ug/l	99
47) Bromodichloromethane	7.90	83	74592	19.760	ug/l	98
48) Methyl methacrylate	7.78	41	77368	21.291	ug/l	97
49) 1,4-Dioxane	7.76	88	33851	374.971	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	545668	108.249	ug/l	99
52) Toluene	8.79	92	147301	20.492	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81715	19.156	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	92122	20.618	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	62149	19.738	ug/l	96
56) Ethyl methacrylate	9.18	69	94231	20.249	ug/l	96
57) 1,3-Dichloropropane	9.37	76	105297	20.093	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	274127	109.525	ug/l	99
59) 2-Hexanone	9.50	43	423793	100.888	ug/l	95
60) Dibromochloromethane	9.59	129	60160	19.105	ug/l	98
61) 1,2-Dibromoethane	9.68	107	64159	19.026	ug/l	98
64) Tetrachloroethene	9.34	164	63430	18.797	ug/l	96
65) Chlorobenzene	10.14	112	163852	18.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56759	18.364	ug/l	99
67) Ethyl Benzene	10.26	91	270442	19.375	ug/l	97
68) m/p-Xylenes	10.36	106	212931	39.038	ug/l	96
69) o-Xylene	10.70	106	101551	20.270	ug/l	100
70) Styrene	10.71	104	170397	19.547	ug/l	100
71) Bromoform	10.86	173	46630	17.622	ug/l #	95
73) Isopropylbenzene	11.02	105	273090	21.467	ug/l	99
74) N-amyl acetate	10.90	43	128087	19.426	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	98047	18.934	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91559m	20.240	ug/l	
77) Bromobenzene	11.26	156	75244	20.364	ug/l	99
78) n-propylbenzene	11.36	91	307352	21.057	ug/l	99
79) 2-Chlorotoluene	11.42	91	189869	20.869	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230561	19.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25878	16.970	ug/l	98
82) 4-Chlorotoluene	11.51	91	220900	20.628	ug/l	100
83) tert-Butylbenzene	11.77	119	223717	21.360	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	240921	19.918	ug/l	99
85) sec-Butylbenzene	11.94	105	267621	20.978	ug/l	100
86) p-Isopropyltoluene	12.07	119	240600	20.816	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	135197	19.595	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138474	19.442	ug/l	99
89) n-Butylbenzene	12.39	91	205354	19.563	ug/l	100
90) Hexachloroethane	12.60	117	34332	17.840	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	137022	19.004	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21902	19.263	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98394	19.453	ug/l	100
94) Hexachlorobutadiene	13.78	225	46962	17.905	ug/l	99
95) Naphthalene	13.83	128	317732	19.374	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101094	19.349	ug/l	100

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

