

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005421.D
 Acq On : 18 Oct 2018 11:17
 Operator : JC/MD
 Sample : VX1018MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 1:51:27 PM

Quant Time: Oct 19 03:49:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144750	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	5.50	113	119073	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.71	98	449286	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	11.14	95	165940	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37858	18.933	ug/l	96
3) Chloromethane	1.32	50	53511	18.469	ug/l	100
4) Vinyl Chloride	1.40	62	55182	18.801	ug/l	100
5) Bromomethane	1.64	94	32996	20.257	ug/l	98
6) Chloroethane	1.72	64	35565	19.522	ug/l	96
7) Trichlorofluoromethane	1.93	101	78870	20.137	ug/l	96
8) Diethyl Ether	2.19	74	33329	19.927	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46529	20.582	ug/l	96
10) Methyl Iodide	2.51	142	43823	19.288	ug/l	99
11) Tert butyl alcohol	3.07	59	83037	103.712	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44498	19.866	ug/l	98
13) Acrolein	2.29	56	35148	67.213	ug/l	96
14) Allyl chloride	2.73	41	96984	19.722	ug/l	96
15) Acrylonitrile	3.15	53	178078	98.151	ug/l	98
16) Acetone	2.45	43	167713	102.197	ug/l	99
17) Carbon Disulfide	2.57	76	119846	17.663	ug/l	99
18) Methyl Acetate	2.78	43	97471	20.877	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	166308	21.082	ug/l	98
20) Methylene Chloride	2.85	84	52421	21.168	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	47888	19.292	ug/l	100
22) Diisopropyl ether	3.87	45	158555	19.196	ug/l	92
23) Vinyl Acetate	3.82	43	689112	95.453	ug/l	97
24) 1,1-Dichloroethane	3.70	63	95778	20.233	ug/l	99
25) 2-Butanone	4.70	43	233135	97.095	ug/l	96
26) 2,2-Dichloropropane	4.58	77	70797	19.997	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51168	18.967	ug/l	93
28) Bromochloromethane	5.02	49	46582	21.586	ug/l	96
29) Tetrahydrofuran	5.15	42	144535	94.369	ug/l	94
30) Chloroform	5.21	83	87882	20.001	ug/l	99
31) Cyclohexane	5.57	56	72522	18.588	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	75956	19.867	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62387	17.586	ug/l	98
37) Ethyl Acetate	4.85	43	81559	17.877	ug/l	98
38) Carbon Tetrachloride	5.78	117	66541	18.667	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73204	19.066	ug/l	94
40) Benzene	6.14	78	192455	18.084	ug/l	100
41) Methacrylonitrile	5.06	41	46067	18.834	ug/l	96
42) 1,2-Dichloroethane	6.20	62	70067	18.646	ug/l	97
43) Isopropyl Acetate	6.46	43	125258	20.610	ug/l	96
44) Trichloroethene	7.21	130	54344	19.621	ug/l	97
45) 1,2-Dichloropropane	7.52	63	53057	20.324	ug/l	99
46) Dibromomethane	7.66	93	33514	19.452	ug/l	96
47) Bromodichloromethane	7.90	83	64209	20.147	ug/l	100
48) Methyl methacrylate	7.77	41	60987	19.348	ug/l	96
49) 1,4-Dioxane	7.75	88	28859	396.950	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431053	102.434	ug/l	95
52) Toluene	8.79	92	123514	21.214	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	70242	20.366	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	77980	20.867	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51446	20.862	ug/l	96
56) Ethyl methacrylate	9.18	69	74386	20.692	ug/l	96
57) 1,3-Dichloropropane	9.37	76	85932	20.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211827	105.066	ug/l	95
59) 2-Hexanone	9.49	43	342047	101.047	ug/l	94
60) Dibromochloromethane	9.59	129	53430	20.961	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53018	20.486	ug/l	99
64) Tetrachloroethene	9.34	164	56505	20.496	ug/l	98
65) Chlorobenzene	10.14	112	140683	19.313	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	51373	19.790	ug/l	99
67) Ethyl Benzene	10.25	91	230013	19.423	ug/l	97
68) m/p-Xylenes	10.36	106	182363	39.676	ug/l	96
69) o-Xylene	10.70	106	86384	19.487	ug/l	96
70) Styrene	10.71	104	144220	19.780	ug/l	97
71) Bromoform	10.86	173	43939	18.941	ug/l #	100
73) Isopropylbenzene	11.02	105	239864	20.975	ug/l	100
74) N-amyl acetate	10.90	43	105383	19.106	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	81689	18.936	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	77473m	20.763	ug/l	
77) Bromobenzene	11.26	156	66057	20.202	ug/l	99
78) n-propylbenzene	11.36	91	271068	20.599	ug/l	99
79) 2-Chlorotoluene	11.42	91	162164	20.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203402	20.771	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22495	18.318	ug/l	97
82) 4-Chlorotoluene	11.51	91	193181	20.221	ug/l	99
83) tert-Butylbenzene	11.77	119	201211	20.290	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207987	20.638	ug/l	99
85) sec-Butylbenzene	11.94	105	244440	20.829	ug/l	99
86) p-Isopropyltoluene	12.07	119	221698	20.901	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	120125	19.661	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122794	19.645	ug/l	98
89) n-Butylbenzene	12.39	91	188512	19.574	ug/l	98
90) Hexachloroethane	12.60	117	33620	18.391	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	120902	19.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19502	18.533	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92663	20.257	ug/l	97
94) Hexachlorobutadiene	13.79	225	47243	19.554	ug/l	95
95) Naphthalene	13.83	128	268257	20.221	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94848	20.264	ug/l	99

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

