

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004699.D
 Acq On : 19 Sep 2018 12:19
 Operator : JC/MD
 Sample : VX0919MBS01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:35 PM

Quant Time: Sep 19 17:03:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	241642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132105	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
35) Dibromofluoromethane	5.50	113	129740	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
50) Toluene-d8	8.71	98	438525	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	11.14	95	157684	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45393	20.04	ug/l	97
3) Chloromethane	1.32	50	60194	19.31	ug/l	94
4) Vinyl Chloride	1.40	62	67060	20.96	ug/l	96
5) Bromomethane	1.64	94	32631	23.74	ug/l	99
6) Chloroethane	1.72	64	41302	19.97	ug/l	97
7) Trichlorofluoromethane	1.93	101	85001	20.04	ug/l	90
8) Diethyl Ether	2.19	74	39142	20.59	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54635	20.31	ug/l	97
10) Methyl Iodide	2.51	142	55439	20.03	ug/l	96
11) Tert butyl alcohol	3.07	59	79985	107.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54042	21.40	ug/l	94
13) Acrolein	2.29	56	21287	72.53	ug/l	99
14) Allyl chloride	2.73	41	103928	20.02	ug/l	96
15) Acrylonitrile	3.15	53	176996	98.86	ug/l	98
16) Acetone	2.45	43	144816	95.23	ug/l	93
17) Carbon Disulfide	2.57	76	138468	18.97	ug/l	99
18) Methyl Acetate	2.78	43	94960	22.26	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	186511	21.05	ug/l	98
20) Methylene Chloride	2.85	84	63983	20.51	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	54942	19.69	ug/l	99
22) Diisopropyl ether	3.87	45	197583	21.13	ug/l	96
23) Vinyl Acetate	3.82	43	787615	104.10	ug/l	97
24) 1,1-Dichloroethane	3.69	63	106751	20.22	ug/l	98
25) 2-Butanone	4.70	43	232004	95.86	ug/l	91
26) 2,2-Dichloropropane	4.59	77	82126	22.65	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	67293	21.61	ug/l	96
28) Bromochloromethane	5.01	49	42885	17.76	ug/l	99
29) Tetrahydrofuran	5.16	42	148266	101.58	ug/l	99
30) Chloroform	5.21	83	109314	21.21	ug/l	93
31) Cyclohexane	5.57	56	92259	20.47	ug/l	# 87
32) 1,1,1-Trichloroethane	5.49	97	87713	21.13	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75793	19.67	ug/l	98
37) Ethyl Acetate	4.85	43	82959	18.93	ug/l	97
38) Carbon Tetrachloride	5.78	117	74967	19.92	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81833	20.35	ug/l	98
40) Benzene	6.15	78	224034	19.59	ug/l	98
41) Methacrylonitrile	5.06	41	47638	19.73	ug/l	98
42) 1,2-Dichloroethane	6.20	62	72184	19.03	ug/l	99
43) Isopropyl Acetate	6.46	43	118443	20.35	ug/l	98
44) Trichloroethene	7.21	130	64617	21.75	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57522	20.91	ug/l	98
46) Dibromomethane	7.66	93	35836	20.62	ug/l	97
47) Bromodichloromethane	7.90	83	67538	20.55	ug/l	100
48) Methyl methacrylate	7.77	41	59284	20.58	ug/l	98
49) 1,4-Dioxane	7.75	88	30097	441.39	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	381724	92.92	ug/l	99
52) Toluene	8.79	92	136757	20.30	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74930	19.51	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	84214	21.52	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	57097	19.68	ug/l	98
56) Ethyl methacrylate	9.18	69	79933	19.48	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92124	19.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	189049	95.07	ug/l	98
59) 2-Hexanone	9.50	43	294705	93.52	ug/l	98
60) Dibromochloromethane	9.59	129	55307	20.25	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57931	20.91	ug/l	99
64) Tetrachloroethene	9.34	164	77594	20.70	ug/l	97
65) Chlorobenzene	10.14	112	155366	20.83	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	54277	21.11	ug/l	99
67) Ethyl Benzene	10.26	91	254102	20.95	ug/l	100
68) m/p-Xylenes	10.36	106	201328	43.10	ug/l	98
69) o-Xylene	10.70	106	96403	21.47	ug/l	99
70) Styrene	10.71	104	162778	21.88	ug/l	99
71) Bromoform	10.86	173	43713	20.70	ug/l #	99
73) Isopropylbenzene	11.02	105	266457	22.24	ug/l	100
74) N-amyl acetate	10.90	43	102071	20.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73847	19.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76266m	20.84	ug/l	
77) Bromobenzene	11.26	156	71357	21.55	ug/l	99
78) n-propylbenzene	11.36	91	298379	21.66	ug/l	99
79) 2-Chlorotoluene	11.42	91	177295	21.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222794	22.12	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23788	20.71	ug/l	97
82) 4-Chlorotoluene	11.51	91	206936	21.22	ug/l	98
83) tert-Butylbenzene	11.77	119	209698	21.87	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	229140	22.28	ug/l	99
85) sec-Butylbenzene	11.94	105	268923	22.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	241953	22.42	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	132066	21.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132457	20.75	ug/l	98
89) n-Butylbenzene	12.39	91	203164	20.66	ug/l	98
90) Hexachloroethane	12.60	117	36124	20.91	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	133179	21.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16952	20.54	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98238	22.18	ug/l	98
94) Hexachlorobutadiene	13.79	225	50784	21.95	ug/l	97
95) Naphthalene	13.83	128	275651	22.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100689	22.13	ug/l	99

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

