

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004488.D
 Acq On : 12 Sep 2018 12:19
 Operator : JC/MD
 Sample : VX0912MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:15 AM

Quant Time: Sep 13 01:39:15 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	156865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132998	65.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.52%	
35) Dibromofluoromethane	5.50	113	109074	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	8.72	98	406452	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.14	95	151160	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24690	16.79	ug/l	97
3) Chloromethane	1.32	50	48913	24.18	ug/l	100
4) Vinyl Chloride	1.40	62	44257	21.31	ug/l	99
5) Bromomethane	1.64	94	27765	31.50	ug/l	97
6) Chloroethane	1.71	64	30696	22.86	ug/l	98
7) Trichlorofluoromethane	1.92	101	49269	17.90	ug/l	97
8) Diethyl Ether	2.19	74	32450	26.29	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28872	16.53	ug/l	98
10) Methyl Iodide	2.51	142	42374	22.83	ug/l	98
11) Tert butyl alcohol	3.08	59	71478	148.10	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34668	21.15	ug/l	96
13) Acrolein	2.29	56	30389	159.51	ug/l	95
14) Allyl chloride	2.72	41	85100	25.25	ug/l	94
15) Acrylonitrile	3.15	53	165848	142.70	ug/l	99
16) Acetone	2.45	43	134133	135.87	ug/l	99
17) Carbon Disulfide	2.56	76	100579	21.23	ug/l	100
18) Methyl Acetate	2.78	43	77956	28.15	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	152621	26.54	ug/l	98
20) Methylene Chloride	2.85	84	50442	24.91	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	41874	23.12	ug/l	98
22) Diisopropyl ether	3.87	45	149332	24.61	ug/l	97
23) Vinyl Acetate	3.82	43	698126	142.15	ug/l	96
24) 1,1-Dichloroethane	3.70	63	87307	25.48	ug/l	98
25) 2-Butanone	4.71	43	201713	128.39	ug/l	98
26) 2,2-Dichloropropane	4.58	77	53525	22.74	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	47578	23.53	ug/l	98
28) Bromochloromethane	5.02	49	40349	25.74	ug/l	95
29) Tetrahydrofuran	5.17	42	130686	137.93	ug/l	96
30) Chloroform	5.21	83	79556	23.78	ug/l	99
31) Cyclohexane	5.57	56	47527	16.24	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	57742	21.43	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49508	15.99	ug/l	99
37) Ethyl Acetate	4.87	43	74277	21.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	46662	15.43	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44561	13.79	ug/l	95
40) Benzene	6.15	78	179659	19.55	ug/l	99
41) Methacrylonitrile	5.07	41	41229	21.25	ug/l	99
42) 1,2-Dichloroethane	6.20	62	65217	21.40	ug/l	98
43) Isopropyl Acetate	6.47	43	106605	22.79	ug/l	98
44) Trichloroethene	7.21	130	46796	19.60	ug/l	94
45) 1,2-Dichloropropane	7.52	63	48691	22.02	ug/l	99
46) Dibromomethane	7.66	93	31513	22.56	ug/l	98
47) Bromodichloromethane	7.90	83	58363	22.10	ug/l	100
48) Methyl methacrylate	7.78	41	55654	24.04	ug/l	95
49) 1,4-Dioxane	7.76	88	28216	514.95	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	377754	114.43	ug/l	97
52) Toluene	8.79	92	110427	20.40	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	64299	20.84	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	71964	22.88	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	49003	21.02	ug/l	97
56) Ethyl methacrylate	9.18	69	69186	20.98	ug/l	97
57) 1,3-Dichloropropane	9.37	76	81059	21.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	189365	116.71	ug/l	94
59) 2-Hexanone	9.50	43	294012	116.11	ug/l	95
60) Dibromochloromethane	9.59	129	46855	21.35	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50650	22.75	ug/l	100
64) Tetrachloroethene	9.34	164	52853	16.62	ug/l	99
65) Chlorobenzene	10.14	112	127565	20.16	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	45140	20.68	ug/l	99
67) Ethyl Benzene	10.26	91	196550	19.10	ug/l	98
68) m/p-Xylenes	10.36	106	156877	39.58	ug/l	98
69) o-Xylene	10.70	106	76027	19.95	ug/l	97
70) Styrene	10.71	104	131118	20.77	ug/l	98
71) Bromoform	10.86	173	36844	20.56	ug/l	# 98
73) Isopropylbenzene	11.02	105	191649	19.31	ug/l	100
74) N-amyl acetate	10.90	43	94114	22.53	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	71882	22.46	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	69545m	22.94	ug/l	
77) Bromobenzene	11.26	156	58549	21.35	ug/l	98
78) n-propylbenzene	11.36	91	220845	19.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	143948	20.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	168010	20.14	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	21868	22.99	ug/l	99
82) 4-Chlorotoluene	11.51	91	167275	20.71	ug/l	100
83) tert-Butylbenzene	11.77	119	150326	18.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	176172	20.68	ug/l	99
85) sec-Butylbenzene	11.95	105	182559	18.04	ug/l	98
86) p-Isopropyltoluene	12.07	119	166263	18.60	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	106031	20.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	106672	20.17	ug/l	97
89) n-Butylbenzene	12.39	91	136363	16.74	ug/l	97
90) Hexachloroethane	12.60	117	25982	18.16	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	107852	20.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16108	23.57	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	72526	19.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	28582	14.92	ug/l	96
95) Naphthalene	13.83	128	228594	22.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	77204	20.49	ug/l	100

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

