

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005306.D
 Acq On : 12 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:59 AM

Quant Time: Oct 13 04:56:51 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	278109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154745	50.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	132346	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
50) Toluene-d8	8.71	98	444157	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	163687	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118193	54.36	ug/l	90
3) Chloromethane	1.32	50	158840	50.41	ug/l #	88
4) Vinyl Chloride	1.41	62	166125	52.05	ug/l	95
5) Bromomethane	1.64	94	86541	48.03	ug/l	98
6) Chloroethane	1.71	64	104534	56.10	ug/l	95
7) Trichlorofluoromethane	1.92	101	221089	51.91	ug/l #	82
8) Diethyl Ether	2.19	74	94206	51.79	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	133363	54.25	ug/l	98
10) Methyl Iodide	2.51	142	142983	52.89	ug/l	97
11) Tert butyl alcohol	3.09	59	242374	278.37	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131228	53.88	ug/l	97
13) Acrolein	2.29	56	134322	241.69	ug/l	99
14) Allyl chloride	2.72	41	268213	50.15	ug/l	97
15) Acrylonitrile	3.15	53	522961	265.06	ug/l	96
16) Acetone	2.45	43	428819	240.29	ug/l	90
17) Carbon Disulfide	2.56	76	358940	48.65	ug/l	99
18) Methyl Acetate	2.78	43	276597	54.48	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	439876	51.28	ug/l #	89
20) Methylene Chloride	2.85	84	143754	55.42	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	144378	53.49	ug/l	90
22) Diisopropyl ether	3.87	45	496249	55.25	ug/l	91
23) Vinyl Acetate	3.82	43	2189095	278.84	ug/l	97
24) 1,1-Dichloroethane	3.70	63	258887	50.29	ug/l	100
25) 2-Butanone	4.71	43	693459	265.58	ug/l	92
26) 2,2-Dichloropropane	4.58	77	182939	47.52	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	152032	51.82	ug/l	100
28) Bromochloromethane	5.01	49	131720	56.13	ug/l	92
29) Tetrahydrofuran	5.16	42	435875	261.70	ug/l	95
30) Chloroform	5.22	83	259302	54.27	ug/l #	81
31) Cyclohexane	5.57	56	222456	52.43	ug/l #	90
32) 1,1,1-Trichloroethane	5.49	97	214232	51.53	ug/l	99
36) 1,1-Dichloropropene	5.80	75	194324	54.57	ug/l	98
37) Ethyl Acetate	4.85	43	258436	56.43	ug/l	96
38) Carbon Tetrachloride	5.77	117	189528	52.97	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187748	48.71	ug/l	95
40) Benzene	6.15	78	581982	54.48	ug/l	94
41) Methacrylonitrile	5.06	41	134926	54.96	ug/l	95
42) 1,2-Dichloroethane	6.20	62	188006	49.84	ug/l	99
43) Isopropyl Acetate	6.46	43	346659	56.82	ug/l	98
44) Trichloroethene	7.21	130	134181	49.18	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131806	50.30	ug/l	100
46) Dibromomethane	7.66	93	85619	49.51	ug/l	99
47) Bromodichloromethane	7.90	83	166014	51.89	ug/l	99
48) Methyl methacrylate	7.77	41	166219	52.53	ug/l	95
49) 1,4-Dioxane	7.76	88	75954	1040.78	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1132417	268.09	ug/l	96
52) Toluene	8.79	92	311067	53.23	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	183280	52.94	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	200140	53.35	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	128300	51.83	ug/l	97
56) Ethyl methacrylate	9.18	69	200513	55.56	ug/l	95
57) 1,3-Dichloropropane	9.37	76	215360	52.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	564793	279.08	ug/l	95
59) 2-Hexanone	9.50	43	901587	265.34	ug/l	94
60) Dibromochloromethane	9.59	129	137284	53.65	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135131	52.02	ug/l	99
64) Tetrachloroethene	9.34	164	138003	49.74	ug/l	98
65) Chlorobenzene	10.14	112	351958	48.01	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	128825	49.32	ug/l	99
67) Ethyl Benzene	10.25	91	603269	50.62	ug/l	97
68) m/p-Xylenes	10.36	106	473622	102.40	ug/l	95
69) o-Xylene	10.70	106	226946	50.88	ug/l	97
70) Styrene	10.71	104	384168	52.36	ug/l	97
71) Bromoform	10.86	173	116462	49.89	ug/l	99
73) Isopropylbenzene	11.02	105	617110	52.45	ug/l	100
74) N-amyl acetate	10.90	43	290367	51.17	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	214180	48.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	199031m	51.84	ug/l	
77) Bromobenzene	11.26	156	167939	49.92	ug/l	99
78) n-propylbenzene	11.36	91	703959	51.99	ug/l	100
79) 2-Chlorotoluene	11.42	91	420977	50.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	534294	53.03	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61446	48.63	ug/l	99
82) 4-Chlorotoluene	11.51	91	502070	51.08	ug/l	99
83) tert-Butylbenzene	11.77	119	528106	51.76	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	548166	52.87	ug/l	98
85) sec-Butylbenzene	11.94	105	629814	52.16	ug/l	99
86) p-Isopropyltoluene	12.07	119	573685	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	310171	49.34	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	315275	49.02	ug/l	99
89) n-Butylbenzene	12.39	91	501376	50.60	ug/l	98
90) Hexachloroethane	12.60	117	92341	49.09	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	317659	49.52	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52511	48.50	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	240812	51.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	122329	49.21	ug/l	97
95) Naphthalene	13.83	128	741094	54.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	247097	51.31	ug/l	99

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

