

Data File : VN051397.D
Acq On : 22 Sep 2018 15:07
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:22 PM

Quant Time: Sep 24 06:06:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	519852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	758262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	661979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	37287	5.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.46%	
35) Dibromofluoromethane	7.59	113	33660	5.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.10%	
50) Toluene-d8	10.09	98	119708	5.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.48%	
62) 4-Bromofluorobenzene	12.40	95	37067	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	28732	5.924	ug/l	99
3) Chloromethane	2.06	50	44082	5.710	ug/l	95
4) Vinyl Chloride	2.19	62	47215	5.541	ug/l	100
5) Bromomethane	2.56	94	34710	6.848	ug/l	99
6) Chloroethane	2.70	64	29422	5.541	ug/l	99
7) Trichlorofluoromethane	3.01	101	64463	5.775	ug/l	97
8) Diethyl Ether	3.41	74	22730	3.926	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	37997	6.032	ug/l	98
10) Methyl Iodide	3.95	142	32055	4.086	ug/l	99
11) Tert butyl alcohol	4.78	59	9111m	24.821	ug/l	
12) 1,1-Dichloroethene	3.74	96	35215	6.088	ug/l	94
13) Acrolein	3.61	56	8885	24.346	ug/l	98
14) Allyl chloride	4.33	41	46650	4.807	ug/l	98
15) Acrylonitrile	4.99	53	49098	24.558	ug/l	97
16) Acetone	3.82	43	46419	8.872	ug/l	97
17) Carbon Disulfide	4.05	76	94208	5.544	ug/l	100
18) Methyl Acetate	4.33	43	25475	5.137	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	72255	4.844	ug/l	99
20) Methylene Chloride	4.55	84	33768	5.240	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	31229	5.278	ug/l	97
22) Diisopropyl ether	5.95	45	91969	4.903	ug/l	90
23) Vinyl Acetate	5.90	43	294913	23.947	ug/l	100
24) 1,1-Dichloroethane	5.85	63	60699	5.423	ug/l	98
25) 2-Butanone	6.84	43	64048	28.735	ug/l	98
26) 2,2-Dichloropropane	6.82	77	47242	5.407	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	34260	5.277	ug/l	98
28) Bromochloromethane	7.19	49	27277	5.278	ug/l	98
29) Tetrahydrofuran	7.21	42	33428	23.666	ug/l	98
30) Chloroform	7.37	83	59101	5.329	ug/l	96
31) Cyclohexane	7.65	56	56845	5.544	ug/l	# 92
32) 1,1,1-Trichloroethane	7.57	97	48714	5.138	ug/l	97
36) 1,1-Dichloropropene	7.79	75	45380	5.168	ug/l	98
37) Ethyl Acetate	6.93	43	26212	5.192	ug/l	100
38) Carbon Tetrachloride	7.78	117	47430	5.164	ug/l	99

Data File : VN051397.D
Acq On : 22 Sep 2018 15:07
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:22 PM

Quant Time: Sep 24 06:06:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	49724	4.844	ug/l	95
40) Benzene	8.04	78	130844	5.075	ug/l	97
41) Methacrylonitrile	7.18	41	13813	4.945	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	43481	5.267	ug/l	99
43) Isopropyl Acetate	8.17	43	43991	4.819	ug/l	97
44) Trichloroethene	8.83	130	36210	5.288	ug/l	95
45) 1,2-Dichloropropane	9.12	63	36202	5.165	ug/l	99
46) Dibromomethane	9.21	93	20082	5.071	ug/l	97
47) Bromodichloromethane	9.40	83	44722	5.103	ug/l	97
48) Methyl methacrylate	9.20	41	21579	4.741	ug/l	98
49) 1,4-Dioxane	9.21	88	5426	97.272	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	123362	24.570	ug/l	95
52) Toluene	10.16	92	78738	4.914	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	42723	4.829	ug/l	94
54) cis-1,3-Dichloropropene	9.84	75	49257	4.801	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	28709	5.070	ug/l	93
56) Ethyl methacrylate	10.43	69	29893	4.318	ug/l	97
57) 1,3-Dichloropropane	10.71	76	48821	5.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	67625	36.947	ug/l	98
59) 2-Hexanone	10.75	43	81169	24.938	ug/l	97
60) Dibromochloromethane	10.90	129	33053	4.947	ug/l	100
61) 1,2-Dibromoethane	11.00	107	27883	5.072	ug/l	95
64) Tetrachloroethene	10.63	164	31824	5.297	ug/l	97
65) Chlorobenzene	11.43	112	88360	5.202	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	33428	5.166	ug/l	98
67) Ethyl Benzene	11.51	91	136295	4.762	ug/l	98
68) m/p-Xylenes	11.62	106	104137	9.406	ug/l	97
69) o-Xylene	11.95	106	50214	4.718	ug/l	96
70) Styrene	11.96	104	75393	4.470	ug/l	98
71) Bromoform	12.13	173	21168	4.821	ug/l #	99
73) Isopropylbenzene	12.25	105	131409	5.359	ug/l	98
74) N-amyl acetate	12.07	43	31228	5.076	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	33764	5.905	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	26049m	5.556	ug/l	
77) Bromobenzene	12.53	156	35535	5.724	ug/l	96
78) n-propylbenzene	12.59	91	142394	5.152	ug/l	99
79) 2-Chlorotoluene	12.67	91	92311	5.580	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	101839	5.093	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	7800	4.971	ug/l	99
82) 4-Chlorotoluene	12.77	91	89082	5.395	ug/l	99
83) tert-Butylbenzene	12.99	119	96567	5.426	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	102161	5.070	ug/l	99
85) sec-Butylbenzene	13.17	105	126964	5.273	ug/l	98
86) p-Isopropyltoluene	13.29	119	103220	4.955	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	58385	5.435	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	55508	5.370	ug/l	95
89) n-Butylbenzene	13.62	91	81457	4.755	ug/l	98
90) Hexachloroethane	13.87	117	24851	5.987	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	57652	5.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	4439	5.440	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Quantitation Report (QT Reviewed)

Data File : VN051397.D
Acq On : 22 Sep 2018 15:07
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:22 PM

Quant Time: Sep 24 06:06:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	18834	8.932	ug/l	99
94) Hexachlorobutadiene	15.01	225	23724	6.016	ug/l	98
95) Naphthalene	15.13	128	33357	10.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	20920	4.182	ug/l	99

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

Data File : VN051397.D

```
Acq On       : 22 Sep 2018   15:07
Operator    : MD\SY
Sample      : VSTDIC005
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

MMDadoda
9/24/2018 2:15:22 PM

Quant Time: Sep 24 06:06:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

