

Data File : VN051391.D
Acq On : 22 Sep 2018 12:18
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:18 PM

Quant Time: Sep 24 05:46:23 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	7.67	168	476735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	684945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	29320	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
35) Dibromofluoromethane	7.60	113	27063	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
50) Toluene-d8	10.09	98	96637	4.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.38%	
62) 4-Bromofluorobenzene	12.40	95	27844	4.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	21975	4.941	ug/l	99
3) Chloromethane	2.06	50	33872	4.784	ug/l	99
4) Vinyl Chloride	2.18	62	35818	4.584	ug/l	94
5) Bromomethane	2.56	94	24722	5.332	ug/l	95
6) Chloroethane	2.70	64	22164	4.552	ug/l	98
7) Trichlorofluoromethane	3.01	101	45925	4.487	ug/l	91
8) Diethyl Ether	3.41	74	13200	1.401	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	24856	4.303	ug/l	98
10) Methyl Iodide	3.95	142	25792	3.619	ug/l	99
11) Tert butyl alcohol	4.78	59	6617m	19.657	ug/l	
12) 1,1-Dichloroethene	3.73	96	20497	3.864	ug/l	92
13) Acrolein	3.61	56	4192	12.525	ug/l #	55
14) Allyl chloride	4.33	41	34627	3.891	ug/l	96
15) Acrylonitrile	4.99	53	36438	19.874	ug/l	97
16) Acetone	3.82	43	33029	0.919	ug/l	96
17) Carbon Disulfide	4.05	76	67841	4.353	ug/l	100
18) Methyl Acetate	4.33	43	20535	4.515	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	50039	3.658	ug/l	97
20) Methylene Chloride	4.55	84	26858	4.545	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	22240	4.099	ug/l	91
22) Diisopropyl ether	5.96	45	64736	3.763	ug/l #	89
23) Vinyl Acetate	5.90	43	211823	18.756	ug/l	99
24) 1,1-Dichloroethane	5.85	63	46301	4.511	ug/l	99
25) 2-Butanone	6.84	43	49994	24.458	ug/l	99
26) 2,2-Dichloropropane	6.82	77	33997	4.243	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	24711	4.150	ug/l	96
28) Bromochloromethane	7.19	49	21614	4.560	ug/l	100
29) Tetrahydrofuran	7.22	42	23893	18.445	ug/l	98
30) Chloroform	7.37	83	44838	4.409	ug/l	98
31) Cyclohexane	7.65	56	42723	4.543	ug/l #	73
32) 1,1,1-Trichloroethane	7.57	97	38252	4.400	ug/l	98
36) 1,1-Dichloropropene	7.80	75	32371	4.081	ug/l	99
37) Ethyl Acetate	6.93	43	18232	3.998	ug/l #	77
38) Carbon Tetrachloride	7.78	117	36398	4.387	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	36725	3.961	ug/l	89
40) Benzene	8.04	78	101592	4.362	ug/l	98
41) Methacrylonitrile	7.18	41	9257	3.669	ug/l	98
42) 1,2-Dichloroethane	8.13	62	32100	4.304	ug/l	99
43) Isopropyl Acetate	8.17	43	32346	3.922	ug/l	96
44) Trichloroethene	8.83	130	26771	4.328	ug/l	100
45) 1,2-Dichloropropane	9.12	63	27482	4.341	ug/l	99
46) Dibromomethane	9.21	93	15701	4.389	ug/l	97
47) Bromodichloromethane	9.40	83	33402	4.220	ug/l	99
48) Methyl methacrylate	9.20	41	14516	3.531	ug/l	90
49) 1,4-Dioxane	9.20	88	3179	63.090	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	84913	18.723	ug/l	100
52) Toluene	10.16	92	55003	3.800	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	29910	3.743	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	35451	3.825	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	24966	4.881	ug/l	94
56) Ethyl methacrylate	10.43	69	20304	3.247	ug/l	96
57) 1,3-Dichloropropane	10.71	76	35343	4.031	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	59648	36.557	ug/l	100
59) 2-Hexanone	10.75	43	63228	21.506	ug/l	94
60) Dibromochloromethane	10.90	129	24008	3.978	ug/l	96
61) 1,2-Dibromoethane	11.01	107	20238	4.076	ug/l	98
64) Tetrachloroethene	10.63	164	24310	4.593	ug/l	90
65) Chlorobenzene	11.43	112	65858	4.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	25830	4.531	ug/l	98
67) Ethyl Benzene	11.51	91	101921	4.042	ug/l	96
68) m/p-Xylenes	11.62	106	74695	7.658	ug/l	98
69) o-Xylene	11.95	106	36494	3.892	ug/l	97
70) Styrene	11.96	104	52390	3.526	ug/l	97
71) Bromoform	12.13	173	16313	4.217	ug/l #	97
73) Isopropylbenzene	12.25	105	94512	4.506	ug/l	99
74) N-amyl acetate	12.07	43	21332	4.054	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	25767	5.268	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	20727m	5.169	ug/l	
77) Bromobenzene	12.53	156	24773	4.666	ug/l	97
78) n-propylbenzene	12.59	91	100758	4.263	ug/l	98
79) 2-Chlorotoluene	12.67	91	65159	4.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	77489	4.531	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	5512	4.107	ug/l	88
82) 4-Chlorotoluene	12.77	91	61155	4.330	ug/l	100
83) tert-Butylbenzene	12.99	119	68142	4.476	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	71446	4.146	ug/l	100
85) sec-Butylbenzene	13.17	105	89682	4.355	ug/l	99
86) p-Isopropyltoluene	13.29	119	73367	4.117	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	42266	4.600	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	38094	4.309	ug/l	92
89) n-Butylbenzene	13.61	91	56324	3.844	ug/l	99
90) Hexachloroethane	13.87	117	18506	5.212	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	40670	4.562	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3540	5.072	ug/l	84

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	12459	8.264	ug/l	98
94) Hexachlorobutadiene	15.01	225	19612	5.814	ug/l	98
95) Naphthalene	15.13	128	22707	10.106	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	14919	3.487	ug/l	97

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

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